

APPENDIX B – FACULTY VITAE

FOR THIS REPORT, INCLUDE ONLY RESUMES FOR THE FACULTY MEMBERS WHO TEACH ENGINEERING COURSES LISTED IN TABLE 5-1

Name:	Giuseppe Sbriz Zeitun
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Education			
Degree	Discipline	Institution	Graduating year
Master	Senior Management	Intec	2008
Bachelor	Electrical Engineering	Intec	1987

Academic Experience					
Institution	Academic Rank	Title	Date	FT	PT
Intec	Assistant Professor	Coordinator	1998-present	X	

Non-academic experience					
Company	Title	Brief Description of Position	Date	F T	P T
Odebrecht	Engineer	Electrical Consultant and Designer of road and tunnel lighting.	2011-2017		X
Superintendencia de Bancos	Consultant	Consultations and advice on electrical matters for existing buildings and new buildings under construction.	2000-2002		X
Diemi, S.A	Engineer	Industrials and residential electrical installations, CCTV, Security alarm systems.	1979-1998	X	

Certifications or professional registrations
Thermograph Level I. 2020

Current membership in professional organizations
Codia 15381

Honors and Awards
Associate Professor – 2019-Intec
Recognition of 20 years as professor 2018– Intec.
Employee – Gold Bee – 2018- Intec.
Personal Improvement Recognition – 2008- Intec

Services activities (within and outside of the institution), etc.			
Institutional Service			
Degree Coordinator (interim). 2018			
Sciences and Engineering Evaluator article: Damages LED lights. 2018			
Academic Program Evaluation System Application Committee. 2017			
Review Committee Distribution Payments Pension Intec Employees. 2014			
Master Thesis Reviewer Construction Administration. 2018 - 2019			
Electrical Engineering Degree Project Revision.			
Curriculum Reform: 2010 - 2016			
Professional service			
Work Table Committee Energy Efficiency Code in Buildings. Ministry of Energy and Mines. 2020			
National Electrical Code Development Committee. Electricity Superintendence. 2018			
Medium Voltage Standard Development Committee. Electricity Superintendence. 2018			
Committee for the Manual Development of the Lightning Rod System for Buildings. MOPC. 2017			
Committee for the development of the Grounding System Manual. MOPC 2016			
Permanent Pro-Consumer Committee; problematic counterfeit electrical equipment. 2015			
Publications and presentations <i>(most recent during the past five years):</i>			
Title	Author, co-author	Location (Publication or presentation)	Date
Circuits Laboratory Manual I	Author	Intec	2009
Circuits Laboratory Manual I	Author	Intec	2018
Professional development activities <i>(most recent during the past five years):</i>			
Design Electrical Installations Cooperative Building - 2020			
Design of Interconnection of Medium Voltage Gas Pipeline Protection System AES-Quisqueya- 2019			
Electrical Design Road Lighting 6 de Noviembre Highway Ramp - 2016			
Road Lighting Design 6 de Noviembre Highway Ramp - 2016			
Electrical Design Road lighting Nuñez de Cáceres Av. - 2016			
Street lighting Design Nuñez de Cáceres Av. - 2016			
Electrical Design Road Lighting KM13 (Duarte Highway) - 2016			
Electrical Design Road lighting Del Norte Highway - 2015			
Road lighting Design Del Norte Highway- 2015			
Electrical Installations Design Santiago Police Palace - 2015			
Road lighting Design South Beltway with Estrella Sadhalá Av - 2015			
Design of Electrical Installations Road lighting South Beltway with Estrella Sadhalá Av - 2015			
Road Lighting Design Piedra Blanca Highway Project - Cruce de Ocoa - 2015			
Electrical Installations Road Lighting Project Design Piedra Blanca Highway – Cruce de Ocoa - 2015			

Name:	Miguel Euclides Aybar Mejía
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Education					
Degree	Discipline	Institution	Graduating year		
PhD candidate	Energy Management	Intec	2022		
Master´s	Maintenance Engineering	Intec	2016		
Master´s	Renewable Technology	Intec	2013		
Specialization	Data Communication	Intec	2007		
Bachelor	Electrical Engineering	Intec	2005		
Academic Experience					
Institution	Academic Rank	Title	Date	FT	PT
Intec	Instructor		2007-present	X	
Infotep	Titular	Professor	2000-2005	X	
Non-academic experience					
Company	Title	Brief Description of Position	Date	FT	PT
SENASA	Maintenance Coordinator	Electromechanical facilities supervisor.	2017-2018	X	
MySpace SRL	Project Engineer	Electrical installation supervisor.	2008-2017		X
Siemens	Maintenance Coordinator	Electromechanical facilities supervisor.	2015-2017	X	
CDEEE	Power Analyst	Analyze electrical losses.	2013-2015	X	
NUTECH Engineer	Project Engineer	Electrical installation supervisor.	2005-2007	X	
Certifications or professional registrations					
Thermograph Level I					
Certified Flexible Power System Specialist (CFPSS)					
Current membership in professional organizations					
Codia (Colegio Dominicano de Ingenieros, Arquitectos y Agrimensores)					
IEEE (Institute of Electrical and Electronics Engineers)					
IEEE-PES (Power Energy Society)					
Honors and Awards					
Recognition for 10 years as a professor – Intec.					
Services activities (within and outside of the institution), etc.					
Energy Efficiency Research Group Member, EE of INTEC					
Renewable Energy Research Group Member, ER of INTEC					
National career of researchers in science Member, technology and innovation of the MINISTRY OF HIGHER EDUCATION, SCIENCE AND TECHNOLOGY (MESCYT), 2019.					
Reviewer of INGENIARE magazine (Chilean Magazine) ISSN 0718-3305 Online version					
Methodological advisor of final degree projects for electrical engineering					
Publications and presentations					
<i>(most recent during the past five years):</i>					

Title	Author, co-author	Location (Publication or presentation)	Date
Effect of applying virtual inertia in the wind farms: Los Cocos, Larimar I and Larimar II in Dominican Republic	Author	Publication	2020
Innovation in the management of electricity networks modern.	Author	Presentation	2019
Application of microgrids in the management of modern electrical networks	Author	Presentation	2019
Island detection methods in doubly fed induction generators	Co-author	Publication	2019
Energy impact of electric vehicles in the distribution grid of national District, Dominican Republic	Co-author	Publication	2019
Analysis of the black-start system in the Dominican Republic	Co-author	Publication	2019
Electric power quality with focus on the harmonic distortion of the Santo Domingo metro	Co-author	Presentation	2019
Analysis of reduction of non-technical electrical losses in circuits with the concentrated height measurement system with prepaid technology.	Co-author	Presentation	2019
Energy management platform based on a smart grid of distributed generation with renewables	Author	Presentation	2019
Assessment of the Maintenance Engineering contents in the Electrical Engineering carrier	Author	Publication	2018
Professional development activities <i>(most recent during the past five years):</i>			
Co-researcher in a microgrid controller development project, National Fund for Innovation and Scientific and Technological Development (FONDOCYT). Project Started in 2020 and ended in 2020.			
Participation as co-researcher in the proposal N ° CF-MG-20191001142504847-6372 registered in the framework of the 2019 Science Frontier Call, called "Creation and study of new thermodynamic cycles for the simultaneous production of water, electricity and cooling, activated with renewable energies, to reduce the marginalization of coastal communities.			

Name:	Omar García García
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Education			
Degree	Discipline	Institution	Graduating year

PhD	Electrical Engineering, Mathematics and Computing	Universidad de la Rioja, España	2011
DEA	Certificate - Advanced Studies Diploma	Universidad de la Rioja, España	2010
Bachelor	Electromechanical Engineering	UASD	2006

Academic Experience					
Institution	Academic Rank	Title	Date	FT	PT
Intec	Instructor		2012-present	X	

Non-academic experience					
Company	Title	Brief Description of Position	Date	F T	P T
Ministry of energy and mines (MEM)	Renewable energy expert	Renewable energy advisor	2019-presente	X	
National Energy Commission (CNE)	Electricity market analyst	Analysis of the behavior of the electricity market	2013-2015	X	
Electrical Systems Coordinator	Commercial engineer	Analysis and calculation of economic transactions.	2012-2013	X	
ETED	Engineering assistant	Attend engineering processes	2006-2007	X	

Certifications or professional registrations
Certified Flexible Power System Specialist (CFPSS)

Services activities (within and outside of the institution), etc.
Collaborator for the ABET accreditation process
Evaluator in INTEC's research proposals
Member of the national career of researchers in science, technology and innovation of the Ministerio de Educacion Superior Ciencia y Tecnología (MESCYT), 2019.

Publications and presentations (most recent during the past five years):			
Title	Author, co-author	Location (Publication or presentation)	Date
A Reflection on Wind Energy in the Dominican Republic.	Author	Publication	2010
Diagnosis on generation and recycling of electronic waste in Mexico and in the world.	Co-author	Publication	2010

Doctoral Thesis: Gasification of the coconut shell, using an internal combustion engine, for the production of electrical energy in the Dominican Republic	Author	Publication	2011
Use of small wind power for self-consumption: Isolated Systems, and Connected to the Network.	Author	Publication	2019

Name:	Ramon Ciprian Moya Tavaréz
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Education			
Degree	Discipline	Institution	Graduating year
Master	Economic	UPV	2011
Master	Math	UASD	2003
Bachelor	Electrical Engineering	UASD	2000

Academic Experience					
Institution	Academic Rank	Title	Date	FT	PT
UASD	Professor	Professor	2000-present	X	
Intec	Instructor		2000-present		X

Non-academic experience					
Company	Title	Brief Description of Position	Date	FT	PT
Moya-Tavaréz & Asocs.,SRL	President	Electrical Projects constructions, Equipments supply and projects designs	2014-present		X
EDESUR	Distribution company director	Manage the network plan,control and budget for the utility		X	
EDESUR	Distribution System Planner	Design and plan the whole utility development.	2012-2014	X	
Codetel (Verizon)	Packing Engineer	Electronic Technician	1991-2000	X	

Current membership in professional organizations
Codia 18678

Professional development activities <i>(most recent during the past five years):</i>
Power system stability analysis - 2019
Low voltage industries network design - 2019
Electrical System opinion (Technical and economical) - 2019
Power transformer Maintenance - 2018
Switgear installation - 2018
Transmission line design consultant - 2018
Power Switch maintenance - 2018
Power Protection equipment adjustment - 2018
Electrical Project economic consultant - 2017

Measurement equipment supply - 2017
Power transformer supply -2016
Power generation interconnection analysis - 2016
Shortcircuit industry analisis - 2016

Name:	Juan Pablo Cuevas Caro
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Education

Degree	Discipline	Institution	Graduating year
Master's	Electrical Markets	UASD	2019
Master's	Senior management	Intec	2006
Specialization	Physics	UASD	2000
Bachelor	Electrical Engineering	UASD	1995

Academic Experience					
Institution	Academic Rank	Title	Date	FT	PT
Intec	Instructor		2001-present	X	
UASD	Associate	Professor	2000-present	X	

Non-academic experience					
Company	Title	Brief Description of Position	Date	FT	PT
SERINCE	General Manager	General responsible of activities of the company concerning to general electrical design, installations and supervising. Energy consultancies.	2007-present		X
EDESUR	Network planning responsible	Responsible of planning the electrical networks of the distribution electricity company EDESUR	2000-2007	X	
Civil Aviation General Direction	Radar engineer	Maintenance of MH radar airport	1996-1999	X	

Certifications or professional registrations
NEC (National electrical Code) 2009

Current membership in professional organizations
CODIA (Colegio Dominicano de Ingenieros, Arquitectos y Agrimensores)
SODOFI (Sociedad Dominicana de Física)

Honors and Awards
Associate professor- 2014- UASD
Honorary graduate-1997- CODIA

Services activities (within and outside of the institution), etc.
Collaborator for the ABET accreditation process-INTEC
Member of curriculum reform 2010-2016- INTEC
Member of the energy committee of SODOFI
Thesis advisor- UASD
Thesis evaluator-UASD

Publications and presentations <i>(most recent during the past five years):</i>			
Title	Author, co-author	Location (Publication or presentation)	Date
Evaluation of the Negotiation Mechanisms and Strategies for the Award of Energy Contracts in the Dominican Wholesale Electricity Market.	Author	Presentation	2019
New Perspective on the award of energy contracts in the Dominican Republic	Author	Publication	2020

Professional development activities <i>(most recent during the past five years):</i>
Design of the electrification and interconnection of Residential Lia Mar-2020
Design of the electrification and interconnection of the Morrobel residential and commercial plaza-2020
Rehabilitation and construction of new electricity distribution lines of the project Comprehensive Plan for Loss Reduction with rehabilitation of Paraiso substation networks-2017

Name:	Ismael Bautista Almanzar
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Education			
Degree	Discipline	Institution	Graduating year
Master	Renewable Technology	Intec	2019
Master	Quality Management	Intec	2013

Bachelor	Electrical Engineering	Intec	2008
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Academic Experience

Institution	Academic Rank	Title	Date	FT	PT
Intec	Instructor		2013 - Present		X

Non-academic experience

Company	Title	Brief Description of Position	Date	FT	PT
Cucama	Consultant	Energy efficiency Consultant	2018 - Present	X	
Omnipower Electric	Project Engineer	Energy Software implementation	2019-2020		X
Gerdau Metaldom	Energy Manager	Electrical Energy Market	2009 - Present	X	
Omnipower Electric	Consultant	Energy Software Consultant	2020 - Present		X

Certifications or professional registrations

Certified Energy Manager (CEM)
Renewable Energy Professional (REP)
Internal Auditor ISO 9001
Internal Auditor ISO 14001
Electrical Power Systems

Current membership in professional organizations

AEE (Association of Energy Engineers)
IEEE (Institute of Electrical and Electronics Engineers)
AEE-DR Chapter (Association of Energy Engineers Dominican Republic)

Honors and Awards

The Legends in Energy – AEE.

Services activities (within and outside of the institution), etc.

Collaborator for the ABET accreditation process
Methodological advisor of final degree projects for electrical engineering

Publications and presentations *(most recent during the past five years):*

Title	Author, co-author	Location (Publication or presentation)	Date
Reactive power compensation in grid tie photovoltaic systems with surcharges for low power factor.	Author	Presentation	2019

Professional development activities <i>(most recent during the past five years):</i>
Design – Installation of Power Monitoring Expert System – CAASD, La Zurza 2019-2020
Design – Installation of Reactive Power Compensation – RODEMSA Solar Project 2019

Name:	Santo Marcial Percel González
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Education			
Degree	Discipline	Institution	Graduating year
Master	Renewable energy	PUCMM	2009
Specialization	Organizational Development	UASD	2004
Bachelor	Mechanical Electrical Engineering	UASD	1995

Academic Experience					
Institution	Academic Rank	Title	Date	FT	PT
Intec	Instructor		2010-present	X	

Non-academic experience					
Company	Title	Brief Description of Position	Date	FT	PT
EDESUR	Network Planning and Studies Manager	The project consists of analyzing the viability and connection conditions of new customers and self-generators, controlling the evolution of the short-circuit power and its incidence on the switchgear, establishing strategies and technical-economic criteria for expansion, modification and operation of the distribution network	2018-present	X	
EDESUR	Network Development Manager	The project consists of programming, directing and controlling the execution of network development works company - client and the design and execution processes of assigned new substations and network development projects, adjusting to established budgets and programs.	2016-2018	X	
EDESUR	Engineering manager	Distribution specialist with the necessary experience to plan, direct and supervise installation, network maintenance and SSEE operations, as well as planning and studies for network development and extensions and extensions or construction of new substations.	2012-2016	X	

Certifications or professional registrations					

Current membership in professional organizations
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Codia 14842 (Colegio Dominicano de Ingenieros, Arquitectos y Agrimensores)
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Honors and Awards

N/A

Services activities (within and outside of the institution), etc.

N/A

Publications and presentations <i>(most recent during the past five years):</i>			
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Title	Author, co-author	Location (Publication or presentation)	Date
N/A			

Professional development activities <i>(most recent during the past five years):</i>

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Name:	Eduardo Agustín De León Concepción
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Education			
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Degree	Discipline	Institution	Graduating year
Master	Power System	UNAPEC - RUM	2011
Bachelor	Electrical Engineering	UASD	2004

Academic Experience					
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Institution	Academic Rank	Title	Date	FT	PT
Intec	Instructor		20012-present	X	

Non-academic experience					
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Company	Title	Brief Description of Position	Date	FT	PT

OC	Manager of the operation assurance area	Power system analysis	2010-present	X	
ETED	Supervisor engineer	Maintenance of substations and analysis of the power system	2002-2010	X	

Certifications or professional registrations

N/A

Current membership in professional organizations

Codia (Colegio Dominicano de Ingenieros, Arquitectos y Agrimensores) : 27737

Honors and Awards

High-performance teacher 2018 - 2019– Intec.

Services activities (within and outside of the institution), etc.

Evaluation Committee Application Academic Programming System. 2017

Member of the failure analysis committee-OC

Publications and presentations

(most recent during the past five years):

Title	Author, co-author	Location (Publication or presentation)	Date
Methodology for the analysis of events in the Interconnected System of the Dominican Republic	Author	Publication	2013
Analysis of the black-start system in the Dominican Republic	Co-author	Publication	2019

Professional development activities

(most recent during the past five years):

Failure analysis in the power system

Monthly operation report of the power system of the Dominican Republic

Analysis of frequency regulation in the power system

Name:	Rene Baez Santana
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Education			
Degree	Discipline	Institution	Graduating year
Master	Electric Power Industry	Comillas Pontifical University – Madrid, Spain	2017
Master	Corporate Finance	INTEC	2010
Bachelor	Electrical Engineer	INTEC	2008

Academic experience					
Institution	Academic Rank	Title	Date	FT	PT
INTEC	Adjunct		2019-present		X

Non-academic experience					
Company	Title	Brief Description of position	Date	FT	PT

CO	Transaction Manager	Electricity Markets analysis	2019-present	X	
CO	Senior Transactions Analyst	Electricity Markets analysis	2011-2019	X	
EDEEST	Logistics Coordinator	Supply logistics of electric materials	2010	X	
CEPSA	Design Engineer	Design of power projects	2009	X	

Certifications or professional registrations

N/A

Current membership in professional organizations

N/A

Honors and Awards

N/A

Services activities (within and outside of the institution), etc.

publications and presentations

(most recent during the past five years):

Title	Author, co-author	Location (Publication or presentation)	Date
Impact of an optimum renewable portfolio standard in the system adequacy and its effect on the wholesale electricity market : Dominican Republic	Author	Publication	2017

Professional development activities

(most recent during the past five years):

Development of regulatory proposals in the electricity market.

Planning of monthly valuation of economic transactions in the wholesale electricity market

Report updated status of contractual commitments between agents in the wholesale electricity market.

Name:	Donald Lugo Díaz
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Education			
Degree	Discipline	Institution	Graduating year
Master	Quality and productivity management	Intec	2017
Engineering	Electrical	Intec	2014

Academic Experience					
Institution	Academic Rank	Title	Date	FT	PT
Intec	Adjunct		2017-Present		X

Non-academic experience					
Company	Title	Brief Description of Position	Date	FT	PT
SNS	Administrative Coordinator	Administration And Management	2020-Present	X	
SNS	Maintenance Coordinator	Electromechanical facilities supervisor	2018-2020	X	
MOPC	Maintenance Coordinator	Electromechanical facilities supervisor.	2014-2018	X	

INDOCAFÉ	Communication and technology Management	Communication and technology facilities supervisor.	2012-2014	X	
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Certifications or professional registrations

National Instruments: LABVIEW CORE 1 y LABVIEW CORE 2 (Present)
Internal Quality Auditor ISO 9001:2015
Internal Quality Auditor ISO 14001:2015

Current membership in professional organizations

Codia (Colegio Dominicano de Ingenieros, Arquitectos y Agrimensores) - 34990
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Honors and Awards

N/A

Services activities (within and outside of the institution), etc.

Technical in evaluation of the process of purchasing electromechanical equipment and installations (SNS)
Technical specialist in evaluation of the purchasing process of supplies and EPPs for covid19 (SNS)

Publications and presentations
(most recent during the past five years):

Title	Author, co-author	Location (Publication or presentation)	Date
Maintenance plan for infrastructure and equipment in national hospital centers	Co-author	Presentation	2019

Professional development activities
(most recent during the past five years):

Electrical Project: Design, Build and UPS Installation (DGCG)
Electrical Project: Design, Build LED light bars for advertising modules with magnetic clamping system (JC Decaux)
Electrical Project: Advertising Billboard Electrical Installations (JC Decaux)

Name:	Nicolás Rodolfo Castillo Urena
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Education			
Degree	Discipline	Institution	Graduating year
Bachelor	Electrical Engineering	UNAPEC	1990
Certification	Quality Engineering	Intec-Quality Council of Puerto Rico	1999
Postgraduate	International Relations	Intec-Flacso	2003
Postgraduate	Specialty in Caribbean Geopolitics	Institute of Geopolitical Studies of the Dominican Armed Forces	2004
Master	Business Administration	UNPHU University	2005

Academic Experience					
Institution	Academic Rank	Title	Date	FT	PT
INTEC	Adjunct		1996-present		X
UNAPEC		Professor	1994-1996		X
O&M		Professor	2015-present		X

Non-academic experience

Company	Title	Brief Description of Position	Date	FT	PT
CODETEL (Dominican Telephone Company)	Technical Instructor	Teach Communication Courses	1988-1993	X	
CODETEL	Communication Technician	Maintenance Earth Station	1984-1988	X	
Intec	Training Coordinator	Coordinate Technical Assistance and Training actions.	1997-2006	X	
European Union	Technical coordinator	Coordination of Development Projects	2006-2008	X	

Certifications or professional registrations

Current membership in professional organizations

FUDAI (Foundation for the Integral Associative Development), President.

Addisco Group (Dynamic Mathematics Learning Methodology)

Honors and Awards

Services activities (within and outside of the institution), etc.

Publications and Presentations

(*most recent during the past five years*):

Title	Author, co-author	Location (Publication or presentation)	Date
Book: The Survivor Another Hispanic Who Triumphs in the United States	Author	Publication	2013

Professional development activities

(*most recent during the past five years*):

Name:	René De Jesús Lazala Jiménez
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Education			
Degree	Discipline	Institution	Graduating year
Master	Renewable Technology	Intec	2016
Bachelor	Electrical Engineering	Intec	1996

Academic Experience					
Institution	Academic Rank	Title	Date	FT	PT
INTEC	Adjunct		2002-present		X

Non-academic experience					
Company	Title	Brief Description of Position	Date	F T	P T
EDESUR	Coordinator Real Estate Management and Projects	Coordinator of all parties for the execution of medium voltage projects.	2021-2022	X	
EDESUR	Project Monitoring and Control Manager	Responsible for monitoring and control of medium voltage electrical projects.	2022- Presente	X	
Grupo Gawla S.R.L.	Electrical Project Manager	Designs, installations and supervision of electrical installations.	2017-2020	X	

Certifications or professional registrations
Vocational Training Facilitator. (INFOTEP-2022)
Training of Tutors in Virtual Environment. (INFOTEP-2022)
Basic Programmable Logic Control. (INFOTEP-2004)

Current membership in professional organizations**Honors and Awards****Services activities (within and outside of the institution), etc.****Publications and presentations***(most recent during the past five years):*

Title	Author, co-author	Location (Publication or presentation)	Date

Professional development activities*(most recent during the past five years):*

Hospital Elvira Echevarría Viuda Castillo, Guerra, Sto. Dgo. (2019-2020).
Electrical System Renewal. Design and supervision.

Hospital Inmaculada Concepción, Cotuí, Juan Sánchez Ramírez. (2018-2019).
Electrical System Renewal. Design and supervision.

Hotel Emotions by Hodelpa, Playa Dorada, Pto. Pta. (2017). Electrical System Renewal. Project manager.

Name:	Jesús Abigail Mercedes De La Rosa
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Education			
Degree	Discipline	Institution	Graduating year
Master	Senior Management	Intec	2018
Specialization	PAP	BARNA	2018
Bachelor	Electronic and Communications Engineering	Intec	2009

Academic Experience					
Institution	Academic Rank	Title	Date	FT	PT
Intec	Adjunct		2019-present		X

Non-academic experience					
Company	Title	Brief Description of Position	Date	FT	PT
CORMIDOM	Electrical Superintendent	Electrical installation and maintenance coordinator.	2019-present	X	
Consortio Minera Dominicana	Production Manager	Electrical installation supervisor.	2015-2019	X	
Consortio Minero Dominicano	Electrical Maintenance Coordinator	Electrical maintenance coordinator.	2013-2014	X	
Consortio Minero Dominicano	Automation and control Engineer	Electronic and instrumentation maintenance coordinator.	2012-2014	X	
Banreservas	Technical Support	Electrical installation supervisor.	2009-2012	X	

Certifications or professional registrations

ALARM CENTER System Operator – Security Information System, Inc. 2009.

Automation and System Integration Engineering , CESI INTERNATIONAL. 2014.

Current membership in professional organizations

N/A

Honors and Awards

N/A

Services activities (within and outside of the institution), etc.

N/A

Publications and presentations*(most recent during the past five years):*

Title	Author, co-author	Location (Publication or presentation)	Date
N/A			

Professional development activities*(most recent during the past five years):*

N/A

Name:	Luis Alberto Guillermo Manzanillo		
Education			
Degree	Discipline	Institution	Graduating year
Master	Renewable Technology	Intec	2012
Bachelor	Electrical Engineering	Intec	1999

Academic Experience					
Institution	Academic Rank	Title	Date	FT	PT
INTEC	Adjunct		2013-present		X
Infotep	Headline	Professor	2000-2005	X	

Non-academic experience					
Company	Title	Brief Description of Position	Date	F T	P T
Laboratory Analytical of the Direccion General de Aduanas (DGA)	Laboratory Technician	Standard processes supervisor.	2014-present	X	
REGAE	Project Engineer	Project Formulations	2001-2007	X	

Certifications or professional registrations
Certified on Project and Evaluation of Formulations of investment
Certified Flexible Power System Specialist (CFPSS)

Current membership in professional organizations
Codia (Dominican College of Engineers, Architects and Surveyors)
IEEE (Institute of Electrical and Electronics Engineers)
IEEE-PES (Power Energy Society)

Honors and Awards
Recognition for 10 years as a professor – Intec.

Services activities (within and outside of the institution), etc.
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Member of the Energy Efficiency Research Group, EE of INTEC			
Member of the Renewable Energy Research Group, ER of INTEC			
Member of the national career of researchers in science, technology and innovation of the MINISTRY OF HIGHER EDUCATION, SCIENCE AND TECHNOLOGY (MESCYT), 2019.			
Reviewer of INGENIARE magazine (Chilean Magazine) ISSN 0718-3305 Online version			
Methodological advisor of final degree projects for electrical engineering			
Publications and presentations (<i>most recent during the past five years</i>):			
Title	Author, co-author	Location (Publication or presentation)	Date
Prospective elemental analysis of the algal biomass accumulated on the coasts of the Dominican Republic during 2015	Co-Author	Publication	2017
Atmospheric pollution in selected points of the city of Santo Domingo, Dominican Republic	Co-Author	Publication	2014
Potential for insertion of INTEC in the clean development mechanism of the Kyoto protocol through the implementation of a photovoltaic solar system	Co-Author	Publication	2013
Insertion potential of INTEC and surrounding buildings in the Clean Development Mechanism of the Kyoto Protocol, through the use of renewable sources	Author	Presentation	2011
Pre-feasibility studies for micro hydroelectric power plants for the communities of La Peñita, Paso de la Perra and Jolla de Ramón	Co-author	Presentation	2004
Third Micro Hydroelectric Workshop	Author	Presentation	2000

Name:	Elvin Arnaldo Jimenez Matos
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Education			
Degree	Discipline	Institution	Graduating year
Master's	Electric Power Systems	UPM	2011
Master's	MBA Energy Companies	Antonio de Nebrija	2009
Engineering	Electrical	Intec	2007

Academic Experience					
Institution	Academic Rank	Title	Date	FT	PT
Intec	Adjunct		2014-present		X

Non-academic experience					
Company	Title	Brief Description of Position	Date	FT	PT
EGEHaina	Study and Protection Engineer	In charge of all the electrical studies and protection settings (Load flows, Harmonics and stability)	2012-Present	X	
ETED	Protection Engineer	Design, installation and maintenance of electrical protection systems	2011-2012	X	
Flowserve Spain	Project Engineer	Analyze electrical Pump design	2009-2010		X
Polytechnic University of Madrid - AREVA	Dynamics Simulations Engineer	Ocean Project Leader: Research network integration of renewable energy power: Marine and Wind Energy.	2010-2011		X
EDEESTE	Project Engineer	Analyze electrical losses.	2007-2008	X	

Certifications or professional registrations
N/A

Current membership in professional organizations
Codia (Colegio Dominicano de Ingenieros, Arquitectos y Agrimensores)
CIGRE (International Council on Large Electric Systems)

Honors and Awards
N/A

Services activities (within and outside of the institution), etc.
N/A

Publications and presentations <i>(most recent during the past five years):</i>			
Title	Author, co-author	Location (Publication or presentation)	Date
Effect of applying virtual inertia in the wind farms: Los Cocos, Larimar I and Larimar II in Dominican Republic	Co-Author	Publication	2020
Distribution of transient current flows in weak isolated networks, and their impact on the performance of the generator differential protection.	Author	Presentation	2019
Energy impact of electric vehicles in the distribution grid of national District, Dominican Republic	Co-author	Publication	2019
Impact of wind generation on the electricity system of the Dominican Republic	Author	Presentation	2017
Implementation of current limiter to limit short circuit power in substation.	Author	Presentation	2017
Optimal frequency regulation model for island electrical systems (Dominican Republic case)	Author	Presentation	2015

Professional development activities <i>(most recent during the past five years):</i>
N/A

Name:	Darian Anyelin Vargas Almonte
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Education			
Degree	Discipline	Institution	Graduating year
Technical Course	Industrial Electricity	ITESA	2013
Master	Electric Engineering	Western Michigan University, EE. UU.	2020
Engineering	Electrical	Intec	2018

Academic Experience					
Institution	Academic Rank	Title	Date	FT	PT
Intec	Adjunct		Feb 2022-present		X

Non-academic experience					
Company	Title	Brief Description of Position	Date	FT	PT
Organismo Coordinador	Measurements Analyst Jr.	Ensure quality of energy measurements in every point of connection of the National Interconnected Electric System (SENI).	2021-present	X	
WMU	Research Assistant	Researched microcontroller and micro/nano sensor applications.	2019-2020		X
WMU	Program Assistant / Peer Mentor	Supervised academic mentors and tutored undergraduate students.	2018-2020		X
EDESUR	Project Technician	Designed electrical distribution circuits.	2016-2018	X	
MercaSID	Technical intern in Industrial Electricity	Electrical maintenance.	Jun 2012-Aug 2012		X

Certifications or professional registrations
Responsive Web Design representing approximately 300 hours of coursework. Issued February 2021, in freeCodeCamp.org.
Methodology of Teaching English as a Second Language Certificate. Issued March 2009, at Washington Centro de Idiomas. Santo Domingo, Dominican Republic.
Current membership in professional organizations
N/A
Honors and Awards

KAIZEN Award 2021, for contributing to the continuous development of the OCSENI.
Issued February 2022 at the Organismo Coordinador.

Nominated to Student Employee of the Year 2019-20 Award at Western Michigan
University, February 2019.

Services activities (within and outside of the institution), etc.

N/A

Publications and presentations

(most recent during the past five years):

Title	Author, co-author	Location (Publication or presentation)	Date
N/A	N/A	N/A	N/A

Professional development activities

(most recent during the past five years):

N/A

Name: Nabil Omar Sbriz Dajer

Education			
Degree	Discipline	Institution	Graduating year
MSc.	Renewable Energy	Edinburgh Napier University	2020
Engineering	Electrical	Intec	2018

Academic Experience					
Institution	Academic Rank	Title	Date	FT	PT
Intec	Adjunct		2020-present		X

Non-academic experience					
Company	Title	Brief Description of Position	Date	FT	PT
Queequeg Renewables	Project Engineer	Utility scale solar systems design	2022-present		X
Activ8 Solar Energies	Solar Engineer	Commercial solar systems design.	2021-2022	X	
UK Power Solutions	Assistant Engineer	Design of up to 132kV connections. Liaison with DNO/IDNO/TSO	2021	X	

Certifications or professional registrations

PVSol Certification.

Current membership in professional organizations

N/A

Honors and Awards

N/A

Services activities (within and outside of the institution), etc.

Institutional Service

Renewable Energy Laboratory 2021- present

Professional development activities

(most recent during the past five years):

Several Solar PV Projects up to 49.9MW Design

Several Battery Storage Projects up to 120MW Design