

CURRICULUM VITAE

Name : **IRVEN BENSIG CUEN**
 Age : 47 Years Old
 Sex : Male
 Citizenship : Filipino
 Civil Status : Married
 Date of Birth : May 9, 1974
 Place of Birth : Poro, Cebu, Philippines
 Home Address : San Juan, Aborlan, Palawan, Philippines
 Agency/Institution : Western Philippines University
 Mobile Number : 0951-107-1535
 E-mail Address : irvencuen@yahoo.com
 Spouse : Vernie P. Cuen
 Children : IV Reca P. Cuen and IV Daniela P. Cuen

EDUCATIONAL BACKGROUND:

Level	School	Degree Earned/Course	Year Graduated	Honors/Awards
Doctorate Degree	University of the Philippines, Diliman	Doctor of Philosophy in Energy Engineering	2016	
Master's Degree	Visayas State University (VSU)	Master of Science in Agricultural Engineering (Major in Farm Machinery)	2007	
College	Visayas State University (VSU)	Bachelor of Science in Agricultural Engineering	1996	
Secondary	Seguinon Barangay High School		1991	Class Valedictorian
Elementary	Seguinon Elementary School		1987	Class Valedictorian
Non-Formal Education	Asian Technical Center	Electronics	1990	
Online Course Study	Delft University of Technology, USA (through edX)	Solar Energy	2013	
Short Course	Polymer Products (Phil.) Inc.	Basic Course in Polyester Resin	2013	

ELIGIBILITY:

Registered Professional Agricultural Engineer – September 24, 2009
Registration Number: 0006631

Civil Service Career – April 27, 1997 at Leyte Normal University, Tacloban City

WORK EXPERIENCE:*A. Energy-Related Work Experience***Conducted Research Study on “Wind Energy Resource Assessment in Puerto Princesa, Palawan”**

Research Study as requirement in Energy Engineering 290 Course (Special Project)
College of Engineering, University of the Philippines, Diliman

Conducted Study on ‘Wind Energy Conversion System Application’

Undergraduate Field Practice Area of Study
Visayas State University
Leyte, Philippines

Science Research Assistant (May - July 1996)

Affiliated Non-conventional Energy Center (ANEC) – under the Department of Energy
Visayas State University
Baybay, Leyte

Field Practitioner (April – May 1995)

Affiliated Non-conventional Energy Center (ANEC) – under the DOE
Visayas State University
Baybay, Leyte

Research Environmental Assistant (July –Oct 2010)

Secondary National Road Development
Project Package A, Western and Eastern Samar

*B. Teaching Experience***Faculty** (2004 – To date)

Department of Agricultural and Biosystems Engineering
Western Philippines University
Aborlan, Palawan

Part-time University Instructor (June 1998 – 2004)

Department of Mathematics Physics and Statistics (DMPS)
Visayas State University
Baybay, Leyte

POSITONS HELD:

Chair (2016- 2020)

Department of Agricultural and Biosystems Engineering
College of Engineering
Western Philippines University

Research Coordinator (2004 – 2009)

College of Engineering and Technology
Western Philippines University

Chairman

Student Research Committee (2005 – 2009)
Bachelor of Science in Agricultural Engineering
Western Philippines University

Director

National Service Training Program (2008-2009)
Western Philippines University

College Coordinator (2005- 2008)

National Service Training Program
College of Engineering Architecture and Technology
Western Philippines University

Adviser (2016-2020)

PSAE-SAGES
Western Philippines University

Adviser (2008- 2009)

Campus Christian Fellowship
Western Philippines University

Chaplain (2007 – 2009)

Gideons International - Aborlan Camp
Aborlan, Palawan

President (1996)

The BUILDERS – VSU Student Campus Organization

Vice President (1995)

Philippine Society of Agricultural Engineers (PSAE) - VSU Student Chapter

PUBLISHED RESEARCHES/PAPERS /POSTERS PRESENTED:

Development of Sandwich Type Flat Plate and Thermosiphon Solar Heat Energy Collector Applicable for Water Heating and as Heat Source in Anaerobic Digestion

- Presented at the 2nd International Research Conference
- Presented at the 3rd Palawan Research Symposium

Development of Improved Mechanized Coconut Dehusker

- Presented at the 13th International Agricultural Engineering Conference and Exhibition

Development of Banana Slicer for Longitudinal Chips

- Presented at the 13th International Agricultural Engineering Conference and Exhibition

Simulation and Development of a Portable Biogas Digester Using Sandwich Type Flat Plate and Thermosiphon Solar Heat Energy Collector for Small-Scale Piggery Application

- Presented at the 13th International Agricultural Engineering Conference and Exhibition, City of Batac, Ilocos Norte, Philippines
- Publish at Conference & Proceedings Book of Abstracts (ISSN:2362-8227)
- Presented at the 3rd Palawan Research Symposium

Development of Continuous Disk-Type Cassava Grater

- Publish at Conference & Proceedings Book of Abstracts (ISSN:2362-8227)

Development of Motor Driven Banana Chipper

- Presented at the 21st Regional Symposium on Research and Developments Highlights and Technology Investment Forum
CAVSU, Indang, Cavite, Philippines
- Published in Palawan Scientist Journal

INVENTIONS

Coconut Dehusker -- Patented

Rootcrop Puller ----- Patented

Banana Chipper -----Patent Pending

Cassava Grater -----Patent Pending

RESEARCH PROJECTS CONDUCTED:

Title	Designation	Amount (PhP)	Source of Fund	Implementation Period
Nipa Plantation Development Project	Project Leader	1,833,000.00	Enhanced National Greening Program-DENR	April 2019-April 2020
Identifying Suitable Sites of Small Scale Irrigation Project in the Province of Palawan through GIS Mapping	Assistant Project Leader	4, 644,595.80	DA-BAR	May 2018-May 2020
Upscaling of Processed Palawan Mango (<i>Mangifera indica</i>) Products towards Enterprise Development	Study Leader	5,000,000.00	DA-ACEF	October 2019-October 2020
Bioenergy Project of the University in collaboration with Mariano Marcos State University (MMSU)	Project Leader	Under Mariano Marcos State University (MMSU)	National Budget (Office of Senator Gatchalian)	July 2018-To date
Assessment of Small Agri-fishery Processing in Palawan	Study Leader	160,000.00	WPU	June-December 2018
Development of Banana Slicer	Study Leader	43,000.00	Reals Food Products	November 2018-March 2019

AWARDS:**Award of Recognition with High Commendation**

As Research Coordinator, College of Engineering
Western Philippines University

Third Place – Technology Development Contest

21st Regional Symposium on Research and Developments Highlights and Technology Investment Forum
CAVSU, Indang, Cavite

Academic Excellence Award
 Seguinon Barangay High School
 Albueria, Leyte

CONFERENCES/TRAININGS/CONVENTIONS/FORUM/CONGRESS/SYMPOSIUM ATTENDED:

Title of Conference/ Convention/Symposium	Nature of Participation	Sponsoring Agency	Level	Date
Training Methodology (TM I)	Participant	ATI and TESDA	Local	Aug 14-Sept 3, 2017
Rice Machinery Operations NC II	Participant	ATI and TESDA	Local	June 19 – 25, 2017
2 nd International Research Conference	Paper presenter	Tarlac State University	International	May 18-20, 2017
14 th Agricultural Engineering Conference & Exhibition, 66 th PSAE Annual National Convention, and 27 th Philippine Agricultural Engineering Week	Paper presenter and Participant	PSAE	International	April 23-29, 2017
3 rd Palawan Research Symposium	Paper presenter	PCSD	National	September 15, 2016
13 th Agricultural Engineering Conference & Exhibition, 66 th PSAE Annual National Convention, and 27 th Philippine Agricultural Engineering Week	Paper presenter and Participant	PSAE	International	April 24-30, 2016
Management of Research Laboratories at Texas A & M University, and Biological Research & Its Application to Agriculture, Engineering, and Social Sciences	Participant	WPU	Local	August 10, 2016
Seminar on Product Designs for Handicrafts and Furniture	Participant	DOST-MIMAROPA	Regional	July 22-25, 2016
Fire Safety Awareness and First Aid	Participant	CET	Local	August 3, 2016
Surveying-Total Station	Participant	CET	Local	March 15, 2016
2015 Annual ITSO Planning	Participant	IPOPHIL	National	February 12, 2015
USAID STRIDE'S Training on Writing an Effective Journal Paper	Participant	USAID STRIDE	Regional	Dec. 16, 2014
ITSO Training on Patent Drafting I	Participant	IPOPHIL	Regional	October 21-24
Hands-on Training on Coir Weaving	Trainer	WPU	Local	November 11, 2014
Hands-on Training on Coir Twining	Trainer	WPU	Local	November 7, 2014
Awareness Seminar on ISO 9001 Quality Management System	Participant	WPU	Institution	December 5, 2014

			al	
11 th International Agricultural Engineering Conference and Exhibition, 64 th PSAE Annual National Convention, and 25 th Philippine Agricultural Engineering Week	Participant	PSAE	International	April 21-25 2014
National Workshop on Higher Education Institutions Agri-Fisheries Mechanization, Research, Development and Extension Programs and Agricultural Engineering Education Competitiveness Roadmap	Participant	AMDP and PSAE	National	May 30, 2014
Training Workshop on Project Proposal Preparation & Repackaging	Participant	STIRDC	Regional	November 12-13, 2013
Forum on Nanotechnology	Participant	STIRDC	Regional	June 22, 2012
Seminar Workshop on Technology Transfer Mechanism	Participant	STIRDC	Regional	June 19-21, 2012
Handholding for Innovative Research: Proposal Development for Agri-Industry and Energy	Participant	STIRDC	Regional	August 29-31, 2012
Regional Invention Contest and Exhibits (RICE)	Qualifier	DOST MIMAROPA Region	Regional	October 13, 2011
6 th Engineering Research and Development for Technology (ERDT)	Participant	Eng'g. Research and Development for Technology (ERDT)	National	February 18, 2011
Seminar –Workshop on Patent Drafting	Participant	Intellectual Property Management Office, WPU	Local	Dec. 13-16, 2011
21 st Regional Symposium on Research and Developments Highlights and Technology Investment Forum	Paper Presenter	STARRDEC	Regional	August 20-21, 2008
Training on Coir Decorticating Machine Operation	Resource Person	VALMA Multi-Purpose Cooperative	Local	February 15, 2008
19 th Regional Symposium on Research and Developments Highlights and Technology Investment Forum	Participant	STARRDEC	Regional	August 24, 2006
Symposium on Philippine Agricultural Engineering Standards	Participant	PSAE Palawan Chapter	Regional	January 28, 2005
Rubber Forum	Participant	Provincial Gov't of Palawan	Provincial	March 14, 2005
7 th National Congress of NSTP Educators & Implementers	Participant	Philippine Society of NSTP Eduactors & Implemeters, Inc.	National	May 6-8, 2009
National Capability Enhancement Training for Trainers in the Successful Implementation of the National Service Training Program (NSTP)	Participant	Philippine Society of NSTP Eduactors & Implemeters, Inc.	National	October 20-22
Teaching Good Citizenship Values in NSTP Using Social Artistry	Participant	Philippine Society of NSTP Eduactors & Implemeters, Inc.	National	August 26-28 2009
Seminar for NSTP Implementers to Improve the Youth Towards	Resource Person	Western Philippines University,	Local	July 9, 2009

Responsible Citizenship		Puerto Princesa Campus, Palawan		
Competency Based- Curriculum Development for Ladderization Program	Trainee	Technical Education and Skills Development Authority (TESDA), Region IV-B MIMAROPA	Regional	July 3, 2006
5 th Engineering Research and Development for Technology (ERDT)	Participant	Engineering Research and Development for Technology (ERDT)	National	September 10, 2010
Values Development Seminar Workshop Towards Good Citizenship and Volunteerism	Participant	Palawan State University and EDSA People Power Commission	Regional	January 31- February 1, 2009

SCIENTIFIC MANUSCRIPT (Unpublished):

DEVELOPMENT OF VILLAGE-SCALE ABACA PULPING MACHINE

Masteral Thesis

Visayas State University

Baybay, Leyte

WIND ENERGY CONVERSION SYSTEM APPLICATION

Undergraduate Manuscript

Visayas State University

Baybay, Leyte

OTHER INTEREST:

Playing Lawn Tennis, Badminton, Volleyball and Basketball;

Reading Bible and other Christian Literatures;

Listening Christian Music

REFERENCES:**Prof. Manolo B. Loreto**

Department of Agricultural Engineering
College of Engineering and Agri-Industries
Visayas State University
Baybay, Leyte 6521-A
Ph. (053) 335-2624

Remberto A. Patindol , Ph.D.

Head
Department of Mathematics Physics and Statistics (DMPS)
Visayas State University
Baybay, Leyte 6521-A
Ph. (053) 335-2624

Prof. Mirriam P. Banlawe

Dean
College of Engineering and Technology
Western Philippines University
Mobile No. 09989755674