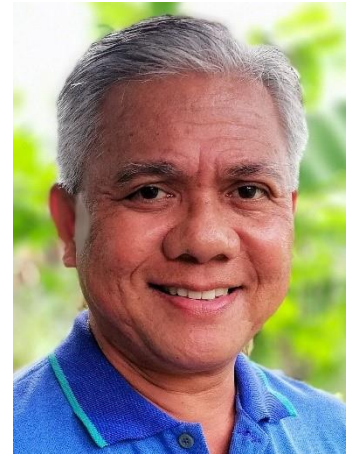


PERSONAL DATA

Name	:	MANUEL EMBODO CASANGCAPAN
Age	:	63 years old
Sex	:	Male
Citizenship	:	Filipino
Civil Status	:	Married
Height	:	1.60 m.
Weight	:	65 kg.
Date of Birth	:	26 March 1961
Place of Birth	:	San Juan, Southern Leyte, <i>Philippines</i>
Name of Father	:	Felipe B. Casangcapan
Name of Mother	:	Gerarda F. Embodo (deceased)
Name of Guardian	:	Antonia A. Mercado (deceased)
Spouse	:	Cora Corbita Casangcapan
Child	:	Athena Valerie Corbita Casangcapan
Home Address	:	Powerhouse 1 Visayas State University Baybay City, Leyte 6521-A Philippines Phone: +63 053 563 7018 (Residence) Mobile: +63 0912 058 5153 TNT and +63 0936 841 9211 TM
E-mail Address	:	mecasangcapan@vsu.edu.ph (Official) mecasangcapan@gmail.com (Personal)



EDUCATIONAL BACKGROUND

Master of Applied Science (Agricultural Engineering)

First Class Honors

1987-1991

Lincoln University

Canterbury

New Zealand

Bachelor of Science in Agricultural Engineering

Cum Laude

1978-1983

Visayas State College of Agriculture

(now Visayas State University)

Baybay City

Philippines

Typing (3 units)

April-May 1981

Jose Rizal College

(now Jose Rizal University)

Shaw Boulevard, Mandaluyong City

Philippines

San Juan Comprehensive High School (1975-1978)

(now Southern Leyte State University – San Juan Campus)

Valedictorian

San Juan, Southern Leyte

Philippines

University of San Carlos-Boys' High School
 (now University of San Carlos North Campus)
 First Year High School (1974-1975)
 Gen. Maxilom Avenue, Cebu City
 Philippines

San Juan Central Elementary School
Highest Honor
 1968-1974
 San Juan, Southern Leyte
 Philippines

SCHOLARSHIP AND STUDY GRANTS

New Zealand Official Development Assistance (Colombo Plan) Study Grant (1987 - 1991)
 President Ferdinand Marcos - Coconut Farmers Federation of the Philippines (PFM -
 COCOFED) Scholarship Grant (1978 - 1983)

CIVIL SERVICE ELIBILITY

Civil Service Eligible with Certificate No. 17707 by virtue of PD 907 as amended by PD 933

Registered Professional Agricultural Engineer (License No. 0002937) having passed the
 Board of Agricultural Engineering on 23-24 September 1985 administered by the
 Professional Regulation Commission in Manila with a rating of 78.90%.

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Member - Visayas State University Faculty Association

SERVICE AWARDS

Loyalty Award (15 Years Continuous Service)
 Visayas State University

COMPUTER SKILLS

Working knowledge in Microsoft Office (Word, Excel and PowerPoint) and digital photography
 (Nikon Picture Project, Lightroom)

CURRENT EMPLOYMENT

Associate Professor 2
 Department of Agricultural and Biosystems Engineering
 Faculty of Engineering
 Visayas State University
 Baybay City
 Philippines
 Phone: +63 053 525 0140 ext 1015 (Office)

ADMINISTRATIVE EXPERIENCE

Officer-in-Charge
(01 July 2019 – 30 June 2020)
Department of Agricultural and Biosystems Engineering
College of Engineering and Technology
Visayas State University
Baybay City
Philippines

Head
(01 January 2010 – May 2014)
Department of Agricultural Engineering
College of Engineering and Agri-industries
Visayas State University
Baybay City
Philippines

Officer-in-Charge
(01 January 2008 – 31 December 2009)
Department of Agricultural Engineering
College of Engineering and Agri-industries
Visayas State University
Baybay City
Philippines

UNDERGRADUATE SUBJECTS TAUGHT

Agricultural and Biosystems Engineering 132 (Materials and Processes for ABE) – Lec + Lab
Agricultural and Biosystems Engineering 141 (AB Power Engineering) – Lec + Lab
Agricultural and Biosystems Engineering 152 (AB Machinery and Mechanization) – Lec + Lab
Agricultural and Biosystems Engineering 199 (Undergraduate Seminar) – Lec
Agricultural and Biosystems Engineering 200.1 (Undergraduate Thesis 1: Proposal Prepn)
Agricultural and Biosystems Engineering 200a (Industry Immersion Program)
Agricultural Engineering 30 (Irrigation, Drainage and Meteorology) - Lecture and Laboratory
Agricultural Engineering 40 (Fundamentals of Agricultural Engineering) – Lec + Lab
Agricultural Engineering 50 (Farm Machinery and Equipment) – Lecture and Laboratory
Agricultural Engineering 132n (Farm Shop Practice) – Lecture and Laboratory
Agricultural Engineering 159n (Agricultural Power) - Lecture
Agricultural Engineering 162n (Agric'l Machinery and Equipt Management) – Lec + Lab
Agricultural Engineering 184 (Engineering Specifications, Contracts and Ethics) – Lecture
Engineering Science 122n (Engineering Graphics) – Lecture and Laboratory
Engineering Science 137n (Engineering Materials) – Lecture and Laboratory
Engineering Science 131 (Engineering Economy) - Lecture
Engineering Science 134 (Engineering Economy) – Lecture
Engineering Science 182 (Engineering Economy) – Lecture
Mathematics 11 (College Algebra) - Lecture
Mathematics 12 (Plane Trigonometry) - Lecture
Mathematics 13 (College Algebra and Trigonometry) – Lecture
Mathematics 18 (Solid Mensuration) - Lecture
Mathematics 112 (Analytic Geometry and Calculus 1) – Lecture

SCIENTIFIC MANUSCRIPTS WRITTEN (Unpublished)

PERFORMANCE, ANALYSIS AND TESTING OF A DUAL-ACTING CONTROLLED LEAK
(DACL) IRRIGATION CANAL OFFTAKE CONTROL
Master of Applied Science (Agricultural Engineering) Thesis
October 1990
Lincoln University, Canterbury
New Zealand

SCIENTIFIC ARTICLES WRITTEN (Published)

DACL SYSTEM DYNAMIC PERFORMANCE. I: RESPONSE-PREDICTION ANALYSIS
Manuel E. Casangcapan and Richard E. Chilcott
Journal of Irrigation and Drainage Engineering
American Society of Civil Engineers - Irrigation and Drainage Division
Volume 119, Number 1, January/February 1993, pp. 50-63

DACL SYSTEM DYNAMIC PERFORMANCE. II: LABORATORY MODEL TESTING
Manuel E. Casangcapan, John C. Bright and Richard E. Chilcott
Journal of Irrigation and Drainage Engineering
American Society of Civil Engineers - Irrigation and Drainage Division
Volume 119, Number 1, January/February 1993, pp. 64-73

UNDERGRADUATE INDUSTRY IMMERSION/FIELD PRACTICE ADVISORY

<i>Student, Course and Year Graduated</i>	<i>Title of Field Practice Manuscript</i>
Devaras, Kathleen Joy G. BSABE August 2024	MECHANICAL DRYING AND MILLING OF RICE AND GINGER TEA POWDER PRODUCTION: AN INDUSTRY IMMERSION EXPERIENCE AT THE AGRIABLE INCORPORATED RICE MIL AND MECHANICAL DRYER AND JAVIER INSTANT SALABAT PRODUCTION CENTER AT BARANGAY PICAS, JAVIER, LEYTE
Ugay, Cecile G. BSABE August 2024	DESIGN OF A PROPOSED 4-SOW SWINE HOUSE: AN INDUSTRY IMMERSION EXPERIENCE AT THE ECOLOGICAL FARM AND RESOURCE MANAGEMENT INSTITUTE, VISAYAS STATE UNIVERSITY, BAYBAY CITY, LEYTE
Colorito, Audrenelle R. BSABE August 2024	OPEN CHANNEL CALIBRATION OF THE LATERAL A AND EAST MAIN CANALS OF THE MAINIT RIVER IRRIGATION SYSTEM IN ALANGALANG, LEYTE: AN INDUSTRY IMMERSION EXPERIENCE AT THE NATIONAL IRRIGATION ADMINISTRATION BILIRAN-LEYTE DEL NORTE-LEYTE DEL SUR IRRIGATION MANAGEMENT OFFICE, MARASBARAS, TACLOBAN CITY
Mercader, Ma. Chely Mae T.	DESIGN OF A 100-HEAD SEMI-INTENSIVE FREE-RANGE POULTRY HOUSE: AN INDUSTRY IMMERSION EXPERIENCE AT THE ECOLOGICAL FARM AND RESOURCE MANAGEMENT INSTITUTE, VISAYAS STATE UNIVERSITY, BAYBAY

	CITY, LEYTE
Labastida, Joseph Kenneth M. BSABE August 2023	DESIGN OF A PROPOSED VERMICOMPOST STORAGE HOUSE: AN INDUSTRY IMMERSION EXPERIENCE AT THE ECOLOGICAL FARM AND RESOURCE MANAGEMENT INSTITUTE, VISAYAS STATE UNIVERSITY, BAYBAY CITY, LEYTE
Magdayo, Apple Mae C. BSABE August 2022	DIGITAL MAP OF THE DAGUITAN RIVER IRRIGATION SYSTEM: AN INDUSTRY IMMERSION EXPERIENCE AT THE NATIONAL IRRIGATION ADMINISTRATION BILIRAN-LEYTE DEL NORTE-LEYTE DEL SUR IRRIGATION MANAGEMENT OFFICE, MARASBARAS, TACLOBAN CITY
Tajil, Glitchy BSAE June 2020	COMPARATIVE ANALYSIS OF THE PERFORMANCE OF A PLASTIC DRUM RICE SEEDER WITHOUT FURROWER AND PLASTIC DRUM SEEDER WITH FURROWER AND DOCUMENTATION OF AGRICULTURAL ENGINEERING ACTIVITIES AT THE PHILIPPINE RICE RESEARCH INSTITUTE, NUEVA ECIJA: A FIELD PRACTICE EXPERIENCE
Rebuyas, Ivy S. BSAE June 2019	COMPARATIVE ANALYSIS OF DIFFERENT MACHINERY USED IN LAND PREPARATION FOR LOWLAND RICE PRODUCTION: A FIELD PRACTICE EXPERIENCE AT THE PHILIPPINE RICE RESEARCH INSTITUTE, NUEVA ECIJA
Chavez, Marvin Kier E. BSAE June 2017	PROJECT ASSESSMENT AT THE OFFICE OF CITY PLANNING AND DEVELOPMENT COORDINATOR (OPCD) AND FAMILIARIZATION OF OFFICE ACTIVITIES AT THE SAN CARLOS CITY HALL, NEGROS OCCIDENTAL: A FIELD PRACTICE EXPERIENCE
Lumbre, Jinky F. BSAE June 2017	PROJECT ASSESSMENT AT THE CITY AGRICULTURE OFFICE (CAO) AND DOCUMENTATION OF OFFICE ACTIVITIES AT THE SAN CARLOS CITY HALL, NEGROS OCCIDENTAL: A FIELD PRACTICE EXPERIENCE
Gamutan, Diana Christa D. BSGGE March 2008	TOPOGRAPHIC MAPPING ACTIVITIES AT THE NATIONAL MAPPING AND RESOURCE INFORMATION AUTHORITY
Morales, Florentino F. Jr. BSGGE March 2008	A FIELD PRACTICE EXPERIENCE AT THE NATIONAL MAPPING AND RESOURCE INFORMATION AUTHORITY
Ludevese, Erwin G. BSAE March 1997	THE NATIONAL IRRIGATION ADMINISTRATION BOHOL IRRIGATION PROJECT: A FIELD PRACTICE EXPERIENCE
Masubay, Marisa A. BSAE March 1997	OPERATION AND MAINTENANCE OF THE BITO RIVER IRRIGATION SYSTEM AT ABUYOG, LEYTE: A FIELD PRACTICE EXPERIENCE
Bodiongan, Melchor C. BSAE March 1995	TWIN RIVERS RESEARCH CENTER: A FIELD PRACTICE EXPERIENCE

Albon, Lauro A. BSAE March 1993	NATIONAL IRRIGATION ADMINISTRATION AT REGION VIII: A FIELD PRACTICE EXPERIENCE
---------------------------------------	--

UNDERGRADUATE THESIS ADVISORY (Adviser or Chairman/Member of SRC)

<i>Student, Course and Year Graduated</i>	<i>Title of Thesis Manuscript</i>
Baja, Ana Marie G. BSABE August 2024	DESIGN AND PERFORMANCE EVALUATION OF AN AUTOMATED FEEDING SYSTEM FOR NEW ZEALAND RABBIT (<i>Oryctolagus cuniculus</i>) (Chairman, Student Research Committee)
Balite, Marie Ecel D. BSABE August 2024	DESIGN AND PERFORMANCE EVALUATION OF AN AUTOMATED WATERING SYSTEM FOR NEW ZEALAND RABBIT (<i>Oryctolagus cuniculus</i>) (Chairman, Student Research Committee)
Boldo, Jules Uel Evan C. BSABE August 2023	DESIGN OF AN AUTOMATED JACKFRUIT (<i>Artocarpus heterophyllus</i> Lam.) MATURITY-MONITORING SYSTEM (Chairman, Student Research Committee)
Pepito, Sarah A. BSABE August 2022	DEVELOPMENT OF BIODEGRADABLE FOOD PLATES FROM BANANA LEAF SHEATH (Adviser)
Gaurana, Mia Aliza L. BSAE April 2009	PERFORMANCE EVALUATION OF JACKFRUIT MECHANICAL DRYER (Member, Student Research Committee)
Teogangco, Gerardo I. BSAE April 2009	STUDY OF CASSAVA TUBERS AND SWEET POTATO ROOTS AS ELECTROLYTES TO GENERATE VOLTAGE (Member, Student Research Committee)
Tanulio, Ma. Jennifer O. BSAE April 2007	EVAPOTRANSPIRATION RATE OF LETTUCE (<i>Lactuca sativa</i>) UNDER LSU SCREEN HOUSE CONDITION (Chairman, Student Research Committee)
Alvarado, Alvin C. BSAE April 2005	GEOMORPHOLOGICAL CHARACTERIZATION AND DISCHARGE DETERMINATION OF THE PAGBANGANAN RIVER WATERSHED (Member, Student Research Committee)
Aure, Rev Rhizza L. BSAE March 2003	COMPRESSIVE STRENGTH OF CONCRETE AT DIFFERENT AGGREGATE SIZES (Chairman, Student Research Committee)
Gultiano, Wilfredo A. BSAE October 2001	CHARACTERIZATION OF SHALLOW AQUIFERS IN MANDAUG, CALAPE AND VILLANUEVA, TUBIGON, BOHOL (Chairman, Student Research Committee)
Bugnos, Danilo M. Jr. BSAE April 2001	GEOMORPHOLOGIC QUANTIFICATION AND BANKFUL DISCHARGE DETERMINATION OF PANGASUGAN WATERSHED (Chairman, Student Research Committee)
Cempron, Randy P. BSAE October 1996	PROCESSING RECOVERY OF SELECTED VARIETIES OF CASSAVA (<i>Manihot esculenta</i> , Crantz) IN THE PRODUCTION OF DRIED CASSAVA

	CHIPS AND FLOUR (Member, Student Research Committee)
--	---

CONVENTIONS, SEMINARS, TRAININGS AND WORKSHOP ATTENDED

Philippine Society of Agricultural and Biosystems Engineers – Region VIII
Regional Convention
2-3 February 2023
RDE Hall
Visayas State University
Baybay City
Participant

2nd Quarter En Banc Presentation and Evaluation of IDG Projects
16-18 July 2019
Conference Room
Department of Agriculture – Bureau of Agricultural Research
Elliptical Road corner Visayas Avenue
Diliman, Quezon City
Project Proposal Presenter

67th Philippine Society of Agricultural Engineers Annual Convention
14th International Agricultural Engineering Conference and Exhibition
28th Agricultural Engineering Week
23-29 April 2017
Legazpi City Convention Center
Legazpi City
Participant

Seminar on HIV in the Workplace
09 December 2016
Center for Continuing Education
Visayas State University
Baybay City
Participant

Seminar-Workshop on RDE Proposal Preparation
02-03 December 2015
Renewable Energy Research Center (RERC)
Visayas State University
Baybay City
Participant

Seminar-Workshop on the Implementation of Outcome-Based Education (OBE)
4-5 May 2015
VSU Convention Center
Visayas State University
Baybay City
Participant

Seminar-Workshop on Research, Development and Extension (RDE) Proposal Preparation
 12-13 February 2015
 Renewable Energy Research Center (RERC)
 College of Engineering
 Visayas State University
 Baybay City
 Participant

Outcome-Based Education (OBE) Workshop
 22-23 January 2015
 Renewable Energy Research Center (RERC)
 College of Engineering
 Visayas State University
 Baybay City
 Participant

Research, Development and Extension (RDE) In-House Review
 4 June 2014
 College of Engineering
 Visayas State University
 Baybay City
 Participant

64th Philippine Society of Agricultural Engineers Annual Convention
 11th International Agricultural Engineering Conference and Exhibition
 25th Agricultural Engineering Week
 21-25 April 2014
 Philippine Society of Agricultural Engineers
 Visayas State University
 Baybay City
 Leyte
 Participant

Training and Conference on Energizing Engineering Curriculum Towards International
 Recognition
 31 July – 02 August, 2013
 Philippine Association of State Universities and Colleges
 Crown Regency Hotel, Osmeña Blvd.
 Cebu City
 Participant

Workshop on AACUP Documents Preparation for BSAE Level II Accreditation
 18 July 2013
 CoE Conference Room
 Visayas State University
 Baybay City
 Participant

Research, Development and Extension (RDE) In-house Review and Planning Workshop
 13-14 June 2013
 CoE Conference Room
 Visayas State University
 Baybay City
 Participant

63rd Philippine Society of Agricultural Engineers Annual Convention
 10th International Agricultural Engineering Conference and Exhibition and
 24th Agricultural Engineering Week
 22-26 April 2013
 Cagayan State University – Andrews Campus
 Caritan, Tuguegarao City
 Cagayan
 Participant

Training Course on Disaster Risk Reduction Management
 29-30 May 2013
 PhilRootcrops Training Hall
 Visayas State University
 Baybay City
 Resource Person

Planning Workshop for Program Accreditation
 4-8 February 2013
 University Accreditation Center
 Visayas State University
 Baybay City
 Participant

Philippine Agricultural Engineers Competitiveness Seminar for Food Sufficiency and Global
 Practice
 21-22 November 2012
 BSWM Convention Hall
 Bureau of Soils and Water Management Building
 Elliptical Road, Diliman
 Quezon City
 Participant

Workshop on Cascading of Agency Performance Targets
 13-14 August 2012
 Center for Continuing Education
 Visayas State University
 Baybay City
 Participant

Seminar on Computer-Aided Feasibility Study Preparation
 18 May 2011
 Center for Continuing Education
 Visayas State University
 Baybay City
 Participant

Strengthening the Capacity of Science and Mathematics Teachers on Disaster Risk
 Reduction and Management: Trainers Training Program
 25-29 April 2011
 Center for Continuing Education
 Visayas State University
 Baybay City
 Participant

National Seminar Workshop on the Enforcement of the Philippine Agricultural Engineering Standards (PAES) for Agricultural Machinery
 18-19 November 2010
 BSWM Convention Hall
 Bureau of Soils and Water Management Building
 Elliptical Road, Diliman
 Quezon City
 Participant

Seminar-Workshop on the Filipino Educator: Building Minds and Touching Hearts
 17-18 June 2010
 Convention Center
 Visayas State University
 Baybay City
 Participant

National Workshop on the Table of Specifications for the Licensure Examination for Agricultural Engineers
 03 June 2010
 Professional Regulation Commission
 Sampaloc, Manila
 Participant

Management Training Seminar
 24-25 August 2009
 Center for Continuing Education
 Visayas State University
 Baybay, Leyte
 Philippines
 Participant

Training Workshop on the Institutional Accreditation of the Visayas State University
 22-23 January 2009
 Center for Continuing Education
 Visayas State University
 Baybay, Leyte
 Philippines
 Participant

TESDA Trainor's Methodology I Plus
 28 April – 3 May 2008
 Department of Computer Science and Technology
 College of Engineering and Agri-industries
 Visayas State University
 Baybay, Leyte
 Philippines
 Participant

Seminar-Workshop on Visioning and Leadership Development
 10-12 January 2008
 Center for Continuing Education
 Visayas State University
 Baybay, Leyte
 Philippines
 Participant

Curriculum Program Review and Consultation Planning Meeting in Instruction
 24-26 April 2007
 Center for Continuing Education
 Leyte State University
 Baybay, Leyte
 Philippines
 Participant

Training on Office Productivity Tools
 7-11 May 2007
 Department of Computer Science
 College of Engineering and Agri-industries
 Leyte State University
 Baybay, Leyte
 Philippines
 Participant

National Planning Workshop on Enhancing Human Resources Development for Instruction,
 Research and Extension of Colleges and Universities in Support to the Philippine Agri-
 Fisheries Mechanization and Infrastructure Program
 21-22 November 2006
 NAFC Conference Room, DA Building
 Elliptical Road, Diliman
 Quezon City
 Philippines
 Participant

Digital Print Media Arts Workshop Using CorelDraw12 and Adobe Photoshop 7.0
 4-5 Dec 2004
 Computer Graphics and Multimedia Mobile Training
 Department of Computer Science and Technology
 Leyte State University
 Baybay, Leyte
 Philippines
 Participant

Seminar Workshop on Accreditation
 01 August 2002
 Multimedia Development Center
 Leyte State University
 Baybay, Leyte
 Philippines
 Participant

National Conference-Workshop on Developing Effective Water Management Institutions
 16-17 April 2002
 RET Amphitheater
 Central Luzon State University
 Muñoz, Nueva Ecija
 Philippines
 Participant

Training on Aquifer Characterization

5-22 April 1999

Agricultural Training Institute, Regional Training Center

San Vicente, Alangalang, Leyte

Philippines

Participant

First Trainors' Training Course on Shallow Tubewell Irrigation: Theory and Practice

12-30 October 1998

Agricultural Training Institute, National Training Center

University of the Philippines–Los Baños

College, Laguna

Philippines

Trainee

International Conference on Applied Tropical Ecology: Aspects of Ecosystem Management in Tropical Asia

8–10 September 1998

Convention Center, Visayas State College of Agriculture

Baybay, Leyte

Philippines

Participant

Planning Workshop for a Comprehensive Irrigation Research and Development Program

30-31 January 1997

DA-UPLB

Centerpoint Hotel, Cebu City

Philippines

Participant

Communication Skills Course

20, 27 September and 4 October 1990

Dorothy Hunt and Associates

Christchurch

New Zealand

Participant

Mechanical Apple Harvesting

29 March 1990

Department of Natural Resources Engineering

Lincoln University

Canterbury

New Zealand

Participant

Performance, Analysis and Testing of a Dual-Acting Controlled Leak Irrigation Canal Off-take Control (16 March 1990)

Department of Natural Resources Engineering

Lincoln University

Canterbury

New Zealand

Speaker

Basic Photography for Postgraduates (July 1988)
 Educational Services Unit
 Lincoln College
 Canterbury
 New Zealand
 Participant

SKILLS, HOBBIES AND INTERESTS

Manual ink lettering, manual technical drawing, music (singing and playing the guitar), sports (basketball, lawn tennis, jogging and walking) and digital photography

REFERENCES

Dr. Roberto C. Guarte
 Former Dean
 College of Engineering and Technology
 Visayas State University
 Baybay City
 Philippines

Dr. Candelario L. Calibo
 Former Dean
 College of Arts and Sciences
 Visayas State University
 Baybay City
 Philippines

Dr. David J. Painter
 Department of Civil Engineering
 Canterbury University
 Canterbury
 New Zealand

Mr. Andrew Dakers
 Director and Engineering Consultant
 Ecological and Agricultural Engineering Limited
 63 Bowenvale Avenue
 Christchurch 2
 New Zealand
 Ph. 0064 3 942 7954
 Fax. 0064 3 942 9954