



CURRICULUM VITAE

I. PERSONAL DATA

Name	:	Mary Grace N. Semilla
	:	
Home Address	:	326 Sto. Niño Village, Baybay City, Leyte
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Date of Birth	:	January 11, 1988
	:	
Place of Birth	:	Baybay, Leyte
	:	
Civil Status	:	Single
	:	
Religion	:	Roman Catholic
	:	
Phone Number	:	09171902344
	:	
Occupation/Position	:	Faculty/Instructor I
	:	
Basic Monthly Salary	:	-
	:	
Employer	:	Tarlac Agricultural University
	:	
Address	:	Malacampa, Camiling, Tarlac
	:	
Telefax	:	(045) 934-0216
	:	
Spouse	:	N/A
	:	
Occupation	:	N/A
	:	
Children	:	N/A

II. EDUCATIONAL BACKGROUND

DEGREE	SPECIALIZATION	SCHOOL	YEAR GRADUATED	AWARD RECEIVED
MS	Master of Science in Agricultural Engineering - Soil and Water Management	Central Luzon State University	2018	

BS	Bachelor of Science in Agricultural Engineering	Visayas State University	2009	Cum Laude
Secondary		Baybay National High School	2004	Salutatorian
Elementary		Baybay North Central School	2000	With honors

III. CAREER HISTORY

A. Work Experience

INCLUSIVE DATES	APPOINTMENT	STATUS	AGENCY
August 20, 2018 – Present	Instructor I	Permanent	TAU (formerly TCA)
August 17, 2017- August 19, 2018	Weather Observation Aide (FT)	Permanent	PAGASA
November 18, 2013 December 19, 2014	Science Research Specialist I	Contractual	PHILRICE
January 7, 2010- November 17, 2013	Rice Sufficiency Officer	Contractual	PHILRICE

B. Designation/ Positions

Secretary, College of Engineering and Technology (August 2018 – May 2022)	Document Control Officer, College of Engineering and Technology (June 2021 – Present)
Staff, TAU PAGASA Agromet Station (August 2018 – May 2022)	Chair, Department of Agricultural and Biosystems Engineering (May 2022 – Present)
Chair, Instructional Materials Development CET (June 2021 – May 2022)	

IV. ELIGIBILITY/LICENSES

TITLE	RATING, %	DATE GIVEN	PLACE
Agricultural Engineering Board Examination	-	August 24-25, 2009	Manila
Civil Service Commission (Honorific Eligibility)	-	-	Palo, Leyte

V. PARTICIPATION IN TRAINING, SEMINARS, WORKSHOPS, CONFERENCES, STUDY TOURS (2009 – 2022)

A. International

TITLE	SPONSOR	DATE	VENUE
International Convention on Agricultural and Biosystems Technology	Tarlac Agricultural University	August 25, 2022	(Online)
E ³ Start International Academic R and D Festival	CLSU, DOST, JAAP	September 5-7, 2018	FPJ Hall, Central Luzon State University, Nueva Ecija, Philippines

The 4 th International Conference on Engineering, Applied Science and Technology	KMITL	July 4- 7, 2018	Swissotel Resort, Patong Beach, Phuket, Thailand
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B. National

TITLE	SPONSOR	DATE	VENUE
5 th Philippine Women Engineers Summit INSWE-APNN Conference and Meeting	Philippine Technological Council - Women Engineers Network	October 7-9, 2021	Royce Hotel & Casino, Calrk Field, Pampanga (Online)
17th International Agricultural and Biosystems Conference and Exhibition, 31th Philippine Agricultural Engineering Week, 70 th PSABE Annual Convention	Philippine Society of Agricultural and Biosystems Engineers Inc.	April 2021	(Online)
16th International Agricultural and Biosystems Conference and Exhibition, 30th Philippine Agricultural Engineering Week, 69 th PSABE Annual Convention	Philippine Society of Agricultural and Biosystems Engineers Inc.	April 21-27, 2019	SMX, Bacolod
National Special Meeting of Agricultural and Biosystems Engineers	PSABE	September 17, 2018	RDEC, ATI, Quezon City
2018 National CMO Conference	PAGASA	March 19, 2018March 21, 2018	Caliraya Resort, Laguna

C. Local

TITLE	SPONSOR	DATE	VENUE
Global Discourses on Agri-Intelligence Engineering (Training Proponent)	Tarlac Agricultural University collab with BASC and KMITL	December 9-11, 2021	Tarlac Agricultural University, Camiling, Tarlac (Online)
International Student Sharing and Learning Session: Israeli Technology and Techniques on Fruit Harvesting, Mushroom Farming and Post Harvest Activities and Intro to GIS	Tarlac Agricultural University	August 12, 2021	Tarlac Agricultural University, Camiling, Tarlac (Online)

Rice Tariffication Law: Two Years After	Dept. Of Economics, College of Economics and Mnagement, University of Philippines-Los Banos	June 22, 2021	Online
Virtual Training Workshop on Technopreneurship101 Teaching (Resource Person/Training Proponent)	Tarlac Agricultural University, Central Luzon State University, PhilDev, ISIP	January 27-29, 2021	Online
Training on Rice Machinery Operation cum NC II Assessment	Agricultural Training Institute Regional Training Center III, Tarlac Agricultural University	June 3-7, 2019	
Training on Green Energy Driven Water Systems (Biogas Technology and Ram Pump System Operation and Utilization for Agricultural production)	Commission on Higher Education, & Central Luzon State University, & Tarlac Agricultural University	October 15-16, 2019	
Training on Precision Irrigation Technology for Crop Production	Commission on Higher Education, Central Luzon State University	October 9-12, 2018	
Refresher Course on Meteorological Observations, Practices and Procedures for NCR-PRSD Personnel	Philippine Atmospheric Geophysical and Astronomical Services Administration	May 29- June 1, 2018	BSA Twin Towers, Mandaluyong
Re-orientation for Administrative Policies and Issuances and Values Orientation Workshop	Philippine Atmospheric Geophysical and Astronomical Services Administration	April 24-27, 2018	
1st CLSU Graduate Students Research Colloquium	FGSA-CLSU	May 4, 2018	CAS AVR, Central Luzon State University, Nueva Ecija

Procurement Procedures and Thesis Formatting	CEn GSACLSU	May 31, 2016	CEn AVR, Central Luzon State University, Nueva Ecija
Application of crop models using agrometeorological information towards improved management of cropping systems and resource-efficient agricultural production	LWRMC – CLSU	May 30, 2016	LWRMC Conference Hall, Central Luzon State University, Nueva Ecija
DevCom Short Course: Layout of Posters	PHILRICE	July 30-31, 2014	Philippine Rice Research Institute, Nueva Ecija
System and Information Delivery Enhancement for Improved PhilRice Agrometeorological Network Seminar and Planning Workshop	PHILRICE	January 27-29, 2014	Philippine Rice Research Institute, Nueva Ecija
Equipping PhilRice Staff to be Smart IT Users	PHILRICE	November 20, 2014	Philippine Rice Research Institute, Nueva Ecija
Harnessing the Potentials of IT in Agriculture	PHILRICE	November 21, 2014	Philippine Rice Research Institute, Nueva Ecija
Training of trainers on small-scale irrigation system and dry season crop production	PHILRICE	September 20-October 1, 2010	Philippine Rice Research Institute, Nueva Ecija
Workshop on Research Methodologies	PHILRICE	April 5-8, 2010	Philippine Rice Research Institute, Nueva Ecija
Rice Specialist Training Course on PlayCheck and Palyamanan Systems DS 2010	PHILRICE	December 1, 2009-April 29, 2010	Philippine Rice Research Institute, Nueva Ecija
Young Minds Academy Summer Edition Region 8	ABOITIZ, SHIFT FOUNDATION	April 30, 2009 – May 18, 2009	Aboitiz Building, Cebu City and SHIFT Foundation, Northern Samar

VII. PUBLICATIONS AND REVIEWS

a. Publications

Title	Journal/Publication	Date	Publisher
Establishment of <i>Capillarigation</i> (Capillary Irrigation) for Sweetpotato Production (co-author)	Rice-Based Biosystems Journal	2022	PhilRice
Indoor production of loose-leaf lettuce under artificial lighting and cooling system in tropical lowland (main author)	The 4 th International Conference on Engineering Applied Science and Technology	2018	Matec web of conferences

b. Reviewer/Editor

JOURNAL/PUBLICATION	INVOLVEMENT	DATE	REMARKS
Asian Soil Research Journal	REVIEWER	2021	

VIII. PROFESSIONAL AND COMMUNITY DEVELOPMENT

NAME OF ORGANIZATION	POSITION	DATE OF MEMBERSHIP	NATURE OF ORGANIZATION
Philippine Society of Agricultural Engineers	Member	2009	Professional

IX. SUBJECTS BEING TAUGHT (LAST 2 YEARS)

COURSE NO.	COURSE TITLE	COURSE OF STUDENTS HANDLED	Lec – Lab – Unit
PABE08	AB Electrification and Control Systems	BSABE	2-3-3
MCET01	Calculus I	BSABE	5-0-5
BESC06	Technopreneurship 101	BSABE	3-0-3
MCET04	Engineering Data Analysis	BSABE	3-0-3
BEAB02	AB Laws, Specifications and Special Contracts	BSABE	1-0-1
ABSC01	Principles of Soil Science	BSAE/ BSABE	2-3-3
PABE06	Design and Management for AB Processing Systems	BSABE	2-3-3
AGEN02	Farm Structures and Agricultural Mechanization	BS in Animal Science	2-3-3
PABE01	Hydrometeorology	BSABE	2-3-3



MARY GRACE N. SEMILLA

Signature over Printed Name