

**BILSHAN F. SERVAÑEZ**

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**EDUCATION:**

2003 – 2010	<b>PhD Forestry</b> UP Los Baños <ul style="list-style-type: none"><li>• DOST HRDP Scholar</li><li>• Major: Wood Science and Technology; Minor: Forest Resource Management</li></ul>
2000 – 2002	<b>MS Forestry</b> UP Los Baños <ul style="list-style-type: none"><li>• DOST HRDP Scholar</li><li>• Major: Wood Science and Technology; Minor: Forest Resource Management</li></ul>
1987 – 1989	<b>MA in Teaching Physics</b> UP Diliman <ul style="list-style-type: none"><li>• DOST-SEI Scholar</li><li>• Earned 47 academic units</li></ul>
1977 – 1982	<b>BS Agricultural Engineering</b> Gregorio Araneta University Foundation <ul style="list-style-type: none"><li>• PFM COCOFED Scholar</li></ul>
1973 – 1977	<b>Secondary Education</b> Calatrava Barangay High School <ul style="list-style-type: none"><li>• Valedictorian</li></ul>
1967 – 1973	<b>Elementary Education</b> Calatrava Central Elementary School

**WORK EXPERIENCE:**

2023 – Present	<b>Associate Professor V</b> Director, Center for Innovative Learning and Enterprise Development (CiLearnED) Romblon State University <ul style="list-style-type: none"><li>• Rehired by the university to head the Center for Innovative Learning and Enterprise Development (CiLearnED@RSU)</li><li>• Implements technopreneurship project like the Woodworking School factory, Metalworking School Factory, FabLab, Marble Processing School Factory. The forthcoming Bamboo Processing School Factory will also be included under the umbrella of the CiLearnED.</li><li>• Assists in resource generation for the university through proposal writing and submission to funding agencies.</li></ul>
2022 – 2023	<b>Entrepreneur Retiree</b> Owner, Camp No'Ah Agpudlos, San Andres, Romblon <ul style="list-style-type: none"><li>• Established a beach resort at Agpudlos Beach to help boost tourism in the province.</li></ul>
2020 – 2021	<b>Associate Professor V</b> Vice President, Research, Extension, Development, and Innovation Romblon State University Odiongan, Romblon <ul style="list-style-type: none"><li>• Provided leadership and direction in the areas of research, extension, development, and innovation for the university. Supervised the research and development, extension services, and training and technical advisory services units.</li><li>• Ensured that research undertakings in the university were aligned with the university research agenda in consonance with the harmonized agenda of the national government and duly constituted national agency research bodies.</li><li>• Assisted the President in linkages and generation of funds for purposes of research, extension, and training undertakings.</li></ul>

- Served as the Director of the MIMAROPA Health Research and Development Consortium and ensured that activities of the consortium were carried out for the benefit of member-institutions.
- Served as the BAC chair and ensured that procurement activities of the university were carried out in consonance with RA 9184 or the Government Procurement Act.

2017 – 2020

**Associate Professor V**

Dean, College of Engineering and Technology

Romblon State University

Odiongan, Romblon

- Provided leadership and direction in the areas of instruction, research, extension and production in the College of Engineering and Technology.
- Assured quality instruction and holistic learning experience through facility improvement, faculty development and meaningful in-campus and off-campus engagements aligned with CHED's and Accrediting Organization's standards for the total development of learners and for customer satisfaction.
- Conducted research that were responsive to the needs of industries and communities. Encouraged borderless collaboration in handling research problems.
- Carried out extension works to address community and industry concerns.
- Leveraged resources with DOST-MIMAROPA to introduce the concept of school factories that created an experiential learning environment where students acquired skills, imbibed entrepreneurship and valued hard work; enhanced social inclusion by providing minimum wages to needy student-workers.
- Optimized budgeting of college funds for the greater good; as a result, the College now has industry-standard, state-of-the-art laboratory equipment to provide students with the skills needed for the 21<sup>st</sup> century workplace.
- Engaged students in sports, cultural, co-curricular, and field activities to create well-rounded, excellent future leaders. The College maintained sports supremacy in the RSU Olympics for the last two years of his three years stint as dean.
- Inspired and prepared learners, faculty and staff for continual improvement. Led the College in narrowing the gap of its performance in the board exam versus the national passing performance.

2015 – 2017

**Chief Science Research Specialist**

Assistant Regional Director, Technical Services Division

DOST-MIMAROPA

Bicutan, Taguig City

- Planned, implemented, and monitored DOST programs and projects at the regional level in his capacity as designated Assistant Regional Director for Technical Services.
- Maintained the Quality Management System of DOST-MIMAROPA and ensured that office processes were continuously aligned to ISO standards in his capacity as Quality Management Representative;
- Presided in BAC proceedings and ensured orderly and prudent government procurement in his capacity as BAC Chairperson; and
- Prepared the first strategic plan of DOST-MIMAROPA and drafted the MIMAROPA research agenda.

1991 – 2015

**Senior Science Research Specialist**

Provincial S&T Director

DOST IV and

DOST-MIMAROPA

Odiongan, Romblon

- Provided leadership and direction at the Provincial Science and Technology Center as the Provincial S&T Director. Planned, implemented, and monitored DOST programs and projects in the province.
- Implemented the Small Enterprise Technology Upgrading Program (SETUP), the agency's flagship program. Had the highest number of SETUP beneficiaries in

the region and the second highest program allotment. Improved the productivity of several MSMEs that are now success stories.

- Assisted the Provincial Government in vying for the establishment of the Philippine Science High School MRC Campus in Odiongan, Romblon.
- Was the country's Best Provincial S&T Director in 2012 as a result of his exemplary, dedicated and committed service to the people.

1991 – 2015

**Part-time Lecturer**

1988 – 1991

**Instructor I**

1985 – 1988

**Assistant Instructor**

Department Chair, Agricultural Engineering Department  
Romblon State University (former Romblon State College)  
Odiongan, Romblon

- Pioneered offering of the Agricultural Engineering program in the college and provided leadership in curriculum development as the designated Chair of the department (1985-1987).
- Graduated the first four Agricultural Engineers in 1990 from the original 19 enrollees. Three took the board exam and established a precedence of a 100% passing rate for the course and for the Romblon State College.
- Adviser and statistician to several research works of graduate and undergraduate students.

1983 – 1985

**Farmer and Entrepreneur**

Family Farm  
Calatrava, Romblon

- Grew broilers, layers, and quails for the local market. Developed an irrigated rice field using agricultural engineering skills.

1982 – 1983

**Medical Representative**

MERCK Inc.  
Makati

- Promoted ethical products to the medical profession in the Leyte-Samar area.

**IMPORTANT TRAININGS ATTENDED:**

- Management of Technology/Commercialization (K-MOT) Training Workshop by Hanyang University. 2018.
- The Seven Habits for Managers. 2015. Franklin Covey.
- How to Become an Effective Management Representative. 2015. DTI.
- Innovation & Enterprise Development Specialists Programme. 2014. Nanyang Polytechnic, Singapore.
- Training Programme for MSMEs on Internationalization. 2013. Asia-Pacific Incubation Network, India.

**AWARDS AND RECOGNITION:**

- 2021 CSC Pag-Asa ng Bayan Regional Awardee, Region IV
- 2020 CSC Pag-asa ng RSU awardee.
- 2007, 2017 and 2018 awards for Best Paper and Best Paper Presenter in various local, regional, national and international scientific gatherings.
- 2012 Outstanding PSTD Award, DOST, National Level
- 2011, 2012 and 2013 Outstanding PSTD awards, DOST-MIMAROPA, Regional Level
- 2004 Most Outstanding Employee, Second Level, DOST IV
- Podium finisher since 2005 in various triathlon and multisport age-group competitions.

**PAPERS PRESENTED AND PUBLISHED:**

- Development of "Disruptive" Design for Soft Brooms.
  1. RSU In-House Review, October 25-26, 2018.  
2<sup>nd</sup> Best Paper award, Development Category.
  2. 8<sup>th</sup> STIRDC Research, Development and Extension Conference, November 28, 2018, Calapan City

Best Paper award in the Professional Category for Oral Presentation in Energy, Engineering and Emerging Technologies Cluster.

- Rural Applications for Bamboo Structures Using the RSU-Developed Bamboo Connectors.
  1. RSU In-House Review, October 25-26, 2018.  
Best Extension Paper award.
  2. 8<sup>th</sup> STIRDC Research, Development and Extension Conference, November 28, 2018, Calapan City.  
Best Paper award in the Extension Category.
- Design Development and Preliminary Evaluation of Bamboo Connectors.
  1. DOST-MIMAROPA Regional Invention Contest and Exhibit, August 15-17, 2017.  
2<sup>nd</sup> Prize, Creative Research Category
  2. RSU In-House Review, October 17-18.  
Best Paper Award (Development Category)
  3. STAARRDEC's 30<sup>th</sup> Regional Symposium on Research Development and Extension Highlights, SLSU, December 7-8, 2017.  
1<sup>st</sup> Place, Best Development Paper.
  4. STAARRDEC's entry to NSAARRD.
  5. 7<sup>th</sup> STIRDC Research, Development and Extension Conference, PSU, January 12-13, 2018.  
1<sup>st</sup> Best Paper in Innovation and Learning Category.
  6. 11<sup>th</sup> World Bamboo Congress in Xalapa, Veracruz, Mexico, August 14-18, 2018.  
Congress Proceedings published online at  
<https://worldbamboo.net/proceedings/wbcxi>.
- Perspectives, Benefits and Challenges of Lesson Study (Co-author).  
Published November 2014. Lesson Study: Learning More Together, Growing in Practice Together. UPNISMED. pp. 1-16.
- Teaching Pearson r: Reflections on Piloting Lesson Study in College (Co-author).  
Published November 2014. Lesson Study: Learning More Together, Growing in Practice Together. UPNISMED. pp. 177-212.
- Physico-Mechanical Properties of Culturally Preformed Bayog (*Bambusa merilliana* (Elmer) Rojo and Roxas *comb. nov.* (Major author)).
  1. Published in Journal of Bamboo and Rattan, Vol 10. Nos. 1&2, pp. 49-62. 2011.
  2. Published online [www.up-losbaños.academia.edu](http://www.up-losbaños.academia.edu).
- Coco-Methyl Ester (CME) Production at the Romtron Biodiesel Plant. (Author)  
Phil. Society of Agricultural Engineers (PSAE) Annual Convention, April 15-18, 2007.  
Best Paper Presentor in Energy Systems and Allied Subjects
- Load Carrying Characteristics of Bent-Laminated Bamboo (*Bambusa blumeana*) Furniture Components. (Author)  
Phil. Society of Agricultural Engineers (PSAE) Annual Convention, April 15-18, 2007.  
3<sup>rd</sup> Best Paper Presentor in Farm Structures and Allied Subjects

#### CURRENT AND OTHER RESEARCH WORKS:

- Bamboo-bladed Savonius Rotors for Power Generation.
- Engineered Bamboo and Steel Student Desks and Chairs.
- Monograph # 1. Performance of the RSU-College of Engineering and Technology in the Engineering Licensure Examinations, 2013-2019. Unpublished but Utilized by the RSU-CET in Level IV accreditation of programs.
- Design, Development, Fabrication, and Commercialization of Foot-Operated Sanitizer Dispenser. A paper submitted to PASUC under the program "Making SUC Research Work for COVID 19: Extension Initiatives by Philippine State Universities and Colleges."

**RESOURCE GENERATION FOR RSU:**

- P5M from NEDA's FY 2023 Innovation Grant for the project "Establishment of Bamboo processing School Factory for Manufacturing Engineered-Bamboo-and - Steel Student Desks and Chairs."
- P2.4M from 2023 GIA funds of DOST MIMAROPA for the project "Optimizing Marble Cutting Plant Operations through Marble Waste Utilization."
- PhP12M from CHED 2022 Innovation Grant for the project "Establishment of the Center for Innovative Learning and Enterprise Development at the Romblon State University (CiLearnED@RSU)."
- P5M from DOST MIMAROPA for various research projects implemented in 2021.
- PhP10.9M from DBM for the FabLab Project, part of the proposals submitted to the RSU Planning Unit as mentioned below.
- PhP1.89M from DOST-MIMAROPA for the Metalworking School Factory Project. 2019-2020.
- PhP700K from DOST-MIMAROPA for the Woodworking School Factory Project. 2018-2019.
- In the pipeline:
  - P1.1M research proposal to DOST MIMAROPA entitled "Development and Test of Bamboo-Bladed Savonius Rotors for Power Generation." Proposal passed initial RTEC review. For implementation in 2024.

**AFFILIATIONS:**

- ROSCOFEA (Romblon State College Faculty and Employees Association)
- ROSUFA (Romblon State University Faculty Association)
- Philippine Society of Agricultural Engineers
- MIMAROPA Council of Deans
- Research and Development Management Committee, MIMAROPA Health Research and Development Consortium
- MIMAROPA Regional Research, Innovation, and Development Committee
- Romblon Association of National Government Executives
- Tablas Bikers Club
- UPLB Triathlon Club
- Phi Kappa Sigma Fraternity.
- PICOLAR (Philippine Independent Church Organization of Lay Readers)

**ELIGIBILITIES:**

- Career Service Professional
- Agricultural Engineering Board
- CSEE-MATB (Passed the written exam and assessment center)

**OTHER INFORMATION:**

Wife:	Marcelina V. Servañez
Daughter:	Aubrey M. Servañez
Age:	62 nicer
Health:	Excellent
Other Interests:	Research and development, triathlon, mountain biking, off-road adventure, farming, bamboo architecture, arts and crafts, and poetry.