Republic of the Philippines
CAVITE STATE UNIVERSITY NAIC
(Formerly Cavite College of Fisheries)
Bucana Malaki, Naic, Cavite

INFORMATION AND TECHNOLOGY DEPARTMENT
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

NARRATIVE PROFILE

AREA IV: LINKAGES

BACHELOR OF SCIENCE IN COMPUTER SCIENCE (BSCS) – LINKAGES NARRATIVE REPORT

Cavite State University - Naic Campus
3rd Survey – Phase 2 Evaluation
August 27-29, 2025

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Introduction

The pursuit of Level 3 Accreditation for our Bachelor of Science in Computer Science (BSCS) program at Cavite State University – Naic Campus is a testament to our unwavering commitment to academic excellence, continuous quality improvement, and the holistic development of our students. Integral to achieving this elevated standard is the strategic cultivation and maintenance of robust linkages with key external stakeholders.

This narrative profile elaborates on the comprehensive network of partnerships that define our BSCS program, extending far beyond the confines of our campus in Bacoor, Cavite. These linkages are not merely administrative formalities; they are dynamic, mutually beneficial collaborations meticulously designed to ensure our curriculum remains at the forefront of technological advancements, our graduates are highly competitive and socially responsible, and our faculty members are continuously engaged in cutting-edge practices.

We believe that meaningful engagement with industry, academic institutions, government bodies, and professional organizations is paramount to fostering an educational environment that is responsive to the rapidly evolving demands of the global IT landscape. This section will detail the nature, impact, and strategic intent behind each of our pivotal partnerships, demonstrating how they collectively enrich the learning experience, drive innovation, and ultimately contribute to the realization of our program's Vision, Mission, Goals, and Objectives (VMGO) and the production of highly competent and ethical computing professionals.

1. Well-defined Objectives

The BSCS program of the Information Technology Department aims to develop strong linkages with industry, government, academic institutions, and non-profit organizations to:

1. Enhance curriculum relevance by aligning it with current industry trends and emerging technologies through academic and industry partnerships.

   1.1.1 CHED Memorandum Order (CMO) No. 25 Series of 2015 (*See figure 1*) with subject of revised policies, standards, and guidelines for BSCS, BSIS, and BSIT programs.

Republic of the Philippines
OFFICE OF THE PRESIDENT
COMMISSION ON HIGHER EDUCATION

Commission on Higher Education
OFFICIAL RELEASE
CHED Central Office
RECORDS SECTION
C.P. Garcia Ave., U.P. Diliman, Q.C.

CHED MEMORANDUM ORDER (CMO)
NO. 25 ;
Series of 2015

SUBJECT : REVISED POLICIES, STANDARDS, AND GUIDELINES FOR BACHELOR OF SCIENCE IN COMPUTER SCIENCE (BSCS), BACHELOR OF SCIENCE IN INFORMATION SYSTEMS (BSIS), AND BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (BSIT) PROGRAMS

In accordance with the pertinent provisions of Republic Act (RA) No. 7722, otherwise known as the "*Higher Education Act of 1994*," in pursuance of an outcomes-based quality assurance system as advocated under CMO 46 s. 2012, and by virtue of the Commission en banc Resolution No. 268-2015 dated May 25, 2015 the following policies, standards and guidelines (PSGs) are hereby adopted and promulgated by the Commission.

ARTICLE I
INTRODUCTION

Section 1 Rationale

Based on the Guidelines for the Implementation of CMO 46 s 2012, this PSG implements the "shift to learning competency-based standards/outcomes-based education." It specifies the 'core competencies' expected of graduates of *Bachelor of Science in Computer Science (BSCS), Bachelor of Science in Information Systems (BSIS), and Bachelor of Science in Information Technology (BSIT)*, "regardless of the type of HEI they graduate from." However, in "recognition of the spirit of outcomes-based education and ... of the typology of HEIs," this PSG also provides "ample space for HEIs to innovate in the curriculum in line with the assessment of how best to achieve learning outcomes in their particular contexts and their respective missions ..."

The field of computing is ever dynamic; its advancement and development had been rapid and its evolvement is a continuous process (O'Brien, 2008). To face the challenges of advancement, the Commission recognizes the need to be responsive to the current needs of the country. It is essential and important that the country's computing capability be continually developed and strengthened to be at par globally.

It is the objective of the Commission to develop and promote the Policies, Standards and Guidelines (PSG) for BSCS, BSIS and BSIT, to provide a minimum standard for Higher Education Institutions (HEIs) offering or intending to offer these programs. The PSG is developed with consultations from all stakeholders, from the academe to industry (Sarmiento, 2009).

The PSG contains provisions that cultivate the culture of excellence in offering these programs. This is in line with the vision of the Commission to have HEIs produce competent graduates that shall cater to the needs of the industry. The PSG is also designed for all HEIs to exercise their innovativeness and creativity in the development of their curricula in the offering of BSCS, BSIS, and BSIT programs (RA 7722, 1994).

Higher Education Development Center Building, C.P. Garcia Ave., UP Campus, Diliman, Quezon City, Philippines
Web Site: www.ched.gov.ph Tel. Nos. 441-1177, 385-4391, 441-1169, 441-1149, 441-1170, 441-1216, 392-5296

Figure 1. CHED Memorandum Order (CMO) No. 25 Series of 2015

Promulgated in accordance with Republic Act (RA) No. 7722, also known as the "Higher Education Act of 1994," and building upon previous guidelines like CMO 46 s. 2012, this order signifies a pivotal shift towards outcomes-based education (OBE). It outlines the core competencies and learning outcomes expected of graduates, while also providing HEIs with the necessary flexibility to innovate their curriculum based on their unique contexts and missions. The issuance of CMO 25, s. 2015 underscores CHED's commitment to ensuring the quality, relevance, and global competitiveness of computing education in the Philippines, addressing the dynamic and ever-evolving landscape of the information technology field.

1.1.2 A proposal to revise the BS Computer Science Curriculum

In 2015, CHED released CMO No. 25 which is the Revised Policies, Standards, and Guidelines for ITE programs in anticipation of the outcome of K-12 implementation in the Philippine education system. The program has been reviewed to incorporate modern developments in Information and Communication Technology (ICT) and digital technology towards globalization, and introduce emerging engineering technology courses. This is also in response to the University’s strategic direction towards a Research University, wherein the CEIT will transform its offering from professional graduate programs to research graduate programs in the goal to produce morally upright and globally competent ITE graduates for global competitiveness (*See figure 2*).

CAVITE STATE UNIVERSITY (CvSU)

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

REVISED CURRICULUM STRUCTURE

University Vision

The premier university in historic Cavite recognized for excellence in the development of globally competitive and morally upright individuals.

University Mission

Cavite State University shall provide excellent, equitable and relevant educational opportunities in the arts, sciences and technology through quality instruction, responsive research and development activities. It shall produce professional, skilled and morally upright individuals for global competitiveness.

2018

e the BS Computer Science Curriculum

nation Technology
ng and Information Technology (CEIT)
ity – Main Campus

OUND AND RATIONALE

formation Technology, then College of Engineering, n Computer Science (BSCS) program in 1995. The Memorandum No. 53, series of 2006, and was Resolution No. 19, series of 2008.

. 25 which is the Revised Policies, Standards, and ion of the outcome of K-12 implementation in the

eral Education Curriculum: Holistic Understandings, number of units for the GE subjects were reduced onal ITE courses. The said CMO, however, did not S. 2018 (Policy on the Offering of Filipino and n Programs as Part of the New General Education cts replaced two common GE subjects previously

o incorporate modern developments in Information nd digital technology towards globalization, and y courses.

University's strategic direction towards a Research n its offering from professional graduate programs to produce morally upright and globally competent

OBJECTIVES

ter Science Program aims to:

and guidelines of CMO no. 20 s. 2013, "General derstandings, Intellectual and Civil Competencies, he Offering of Filipino and Panitikan subjects in all MO no. 25, s. 2015, "Revised Policies, Standards, cience in Computer Science (BSCS), Bachelor of (BSIS), and Bachelor of Science in Information

BS Computer Science in Cavite state university so o keep producing graduates that are morally and

nts and standards

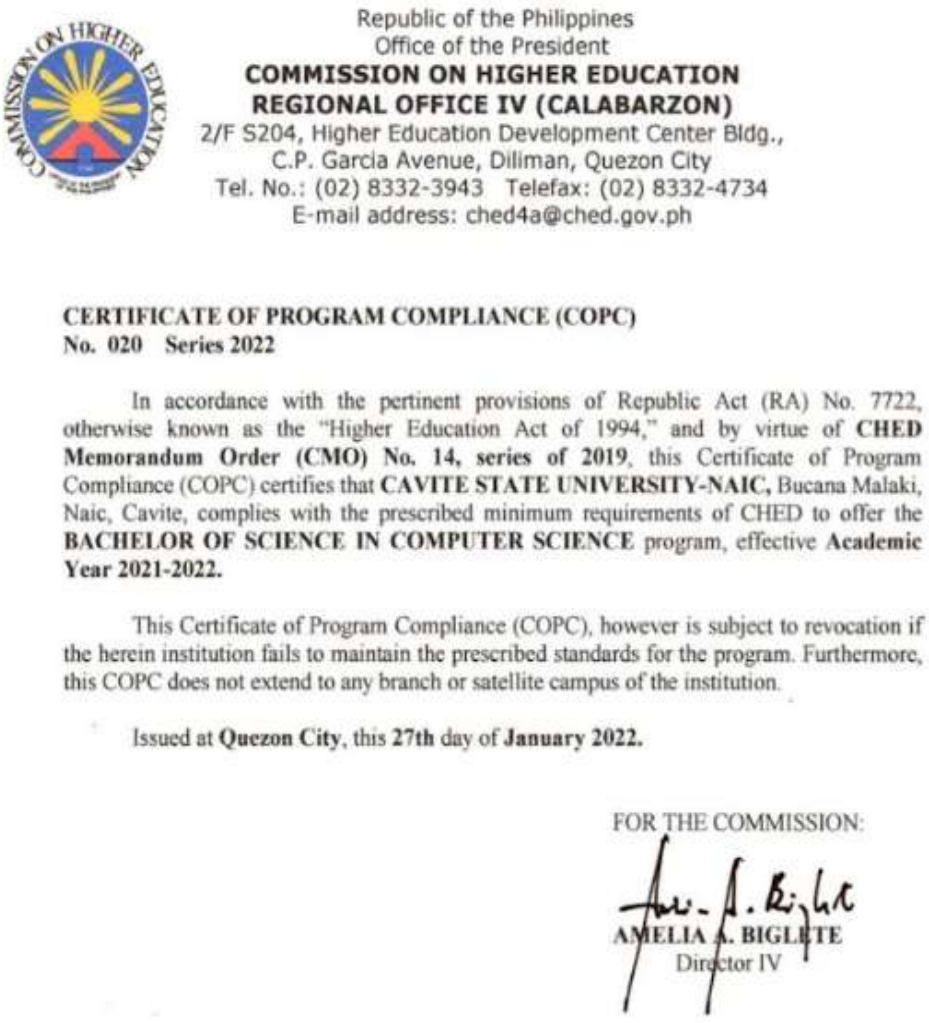
IPLEMENTATION:

ents, the revised curriculum will be implemented

Figure 2. A proposal to revise the BS Computer Science curriculum

1.1.3 Certificate of program compliance of Bachelor of Science in Computer Science Course

Certificate of program compliance (COPC) based from provisions of Republic Act (RA) No. 7722 were shown in figure 3 below.



Republic of the Philippines
Office of the President
COMMISSION ON HIGHER EDUCATION
REGIONAL OFFICE IV (CALABARZON)
2/F S204, Higher Education Development Center Bldg.,
C.P. Garcia Avenue, Diliman, Quezon City
Tel. No.: (02) 8332-3943 Telefax: (02) 8332-4734
E-mail address: ched4a@ched.gov.ph

CERTIFICATE OF PROGRAM COMPLIANCE (COPC)
No. 020 Series 2022

In accordance with the pertinent provisions of Republic Act (RA) No. 7722, otherwise known as the "Higher Education Act of 1994," and by virtue of **CHED Memorandum Order (CMO) No. 14, series of 2019**, this Certificate of Program Compliance (COPC) certifies that **CAVITE STATE UNIVERSITY-NAIC,** Bucana Malaki, Naic, Cavite, complies with the prescribed minimum requirements of CHED to offer the **BACHELOR OF SCIENCE IN COMPUTER SCIENCE** program, effective **Academic Year 2021-2022.**

This Certificate of Program Compliance (COPC), however is subject to revocation if the herein institution fails to maintain the prescribed standards for the program. Furthermore, this COPC does not extend to any branch or satellite campus of the institution.

Issued at **Quezon City**, this **27th** day of **January 2022.**

FOR THE COMMISSION:

AMELIA A. BIGLETE
Director IV

(Not valid without CHEDRO seal
Or with Erasures/Alterations)

Figure 3. Certificate of Program Compliance (COPC) for BSCS

1.1.4 Revised course syllabus which is based from teaching materials of Oracle Academy.

One of the BSCS professors, revised the course syllabus of DCIT 55 Advanced Database Management Systems and applied the course outline of Database Programming with SQL formulated by Oracle Academy (*See figure 4*).

VPAA-QF-10

CvSU Vision
The premier university in historic Cavite globally recognized for excellence in character development, academics, research, innovation and sustainable community

Republic of the Philippines
CAVITE STATE UNIVERSITY
Naic Campus
Brgy. Bucana, Naic, Cavite

CvSU Mission
Cavite State University shall provide excellent, equitable and relevant educational opportunities in the arts, science and technology through quality instruction and relevant research and development activities.
It shall produce professional, skilled and morally upright individuals for global competitiveness.

INFORMATION TECHNOLOGY DEPARTMENT
BS COMPUTER SCIENCE

COURSE SYLLABUS
Second Semester, AY 2024-2025

Course Code	**DCIT 55**	**Course Title**	**Advanced Database Management Systems**	**Type**	**Lecture ✓ Laboratory ✓**	**Credit Units**	3
Course Description	This course engages students to implement database models by creating physical databases using SQL. Students will learn basic SQL syntax and the rules for constructing valid SQL statements to generate report-like output. Demonstrations and hands-on practice reinforce the fundamental concepts.						
Pre-requisites	**DCIT50 / DCIT 24**		**Course Schedule**		**BSCS 2A LEC** [T – 3:00 – 5:00, ITD 103], **LAB** [TH – 7:00 – 10:00, LAB B] **BSCS 2B LEC** [T – 3:00 – 5:00, ITD 104], **LAB** [M – 9:00 – 12:00, LAB A]		
Core Values	Students are expected to live by and stand for the following University tenets: **TRUTH** is demonstrated by the student's objectivity and honesty during examinations, class activities, and in the development of projects. **EXCELLENCE** is exhibited by the students' self-confidence, punctuality, diligence, and commitment to the assigned tasks, class performance, and other						

References:

A. Reference Books
a. Introduction to Database Management System by 3G ELearning 2015
b.

B. Electronic References (E-books/Websites)
a. Database Management System Tutorial; URL: https://tinyurl.com/y2o8k8gd. Retrieved date: September 10, 2022
b. Learn Database Management System; URL: https://tinyurl.com/y63rupm9. Retrieved date: September 10, 2022
c. Database Management Course Notes; URL: https://tinyurl.com/y6gnz5c9. Retrieved date: September 3, 2022
d. W3 Schools : PHP MySQL Database; URL: https://www.w3schools.com/php/php_mysql_intro.asp. Retrieved date: September 14, 2022
e. Hands-On Big Data Modelling, Lee et al. 2018
f. Data Modelling and Database Design, Umanath and Scamell, 2015, 2nd Edition

REVISION HISTORY

Revision Number	Date of Revision	Date of Implementation	Highlights of Revision
01	August 5, 2019	August 13, 2019	Convert to ISO format; new set of topics and activities
02	September 3, 2020	September 7, 2020	New set of topics and activities for flexible learning; add mode of delivery
03	August 8, 2022	September 2022	Additional references and supplementary readings New set of activities for interactive learning and actual hands-on programming
04	March 1, 2023	March 6, 2023	Asynchronous activities Book references from the library
05	January 20, 2025	February 17, 2025	Book references from the library Teaching materials from Oracle Academy

Prepared by:	Evaluated by:	Recommending Approval:	Approved:
ANGELITO L. CATAJAN JR., DIT Assistant Professor III Naic, Campus Date:	**MICHELLE C. TANEGA, DIT** ITD Chairperson Naic Campus Date:	**FERRY M. PABALATE, MA** Director, Curriculum and Instruction Naic Campus Date:	**ARMINA B. PUGAY, MSc.** Campus Administrator Naic Campus Date:

3-06-01

V02-2020-07-01

Figure 4. DCIT 55 course syllabus which is based from Oracle Academy learning materials

2. Provide internship and on-the-job training (OJT) opportunities for students in collaboration with tech companies and government agencies.

To bolster these crucial experiences, the department diligently organizes OJT Partnership Fairs. These events serve as crucial platforms connecting students with accredited companies and government agencies, facilitating practical, real-world experience. Furthermore, pre-internship readiness workshops are conducted to equip students with essential workplace ethics, communication skills, and professionalism, preparing them for successful immersion experiences.

2.1 List of OJT Centers for Mid-Year 2024-2025

Table 1. List of BSCS students with their OJT company.

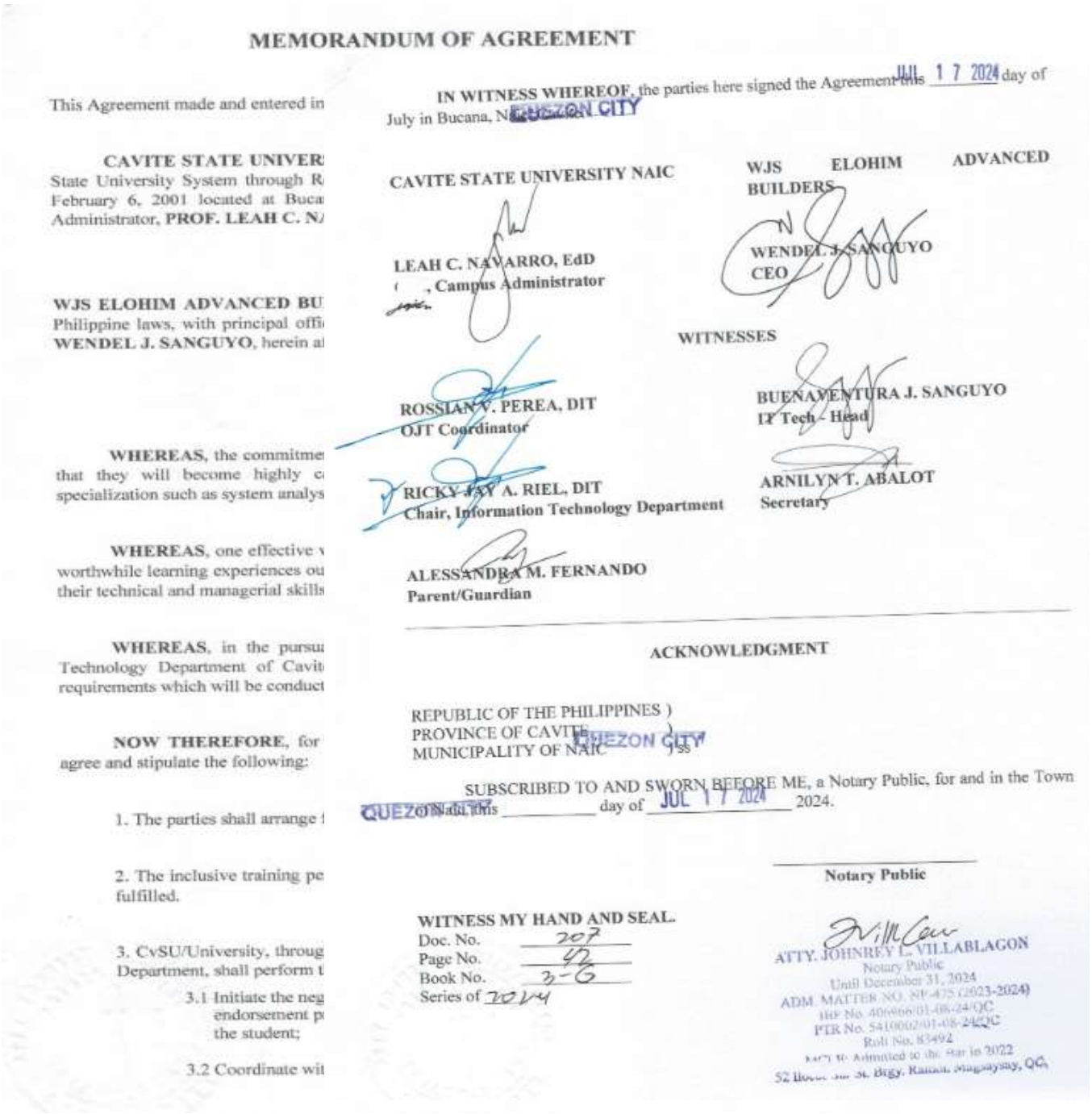
OJT CENTER	**Name of Student**
Western Colleges Inc.	Edlyn R. Angeles, Princess Daezerie R. Apolona, Brainier Andrew H. Manalo
Municipal Hall of Ternate	Rogie M. Aberte, Ysrael Jordan A. De Lara Lord Prince Dionysus M. Banico, Ivan Chase A. Molina, Nepo R. Manaois
Municipal Hall of Maragondon	Jhim Daniel B. Mando, John Rafael M. Lirio Kayelene Mae O. Abarsosa
Cavite State University - Naic | Bucana Malaki, Naic, Cavite Accreditation Office	Leo Robin L. Binavente, Ken Jabby D. Rosete
Cavite State University - Naic | Bucana Malaki, Naic, Cavite RDES Office	Sheryn M. Rasdas, Winbert C. Costacio Manuel Jose O. Pera
Cavite State University - Naic | Bucana Malaki, Naic, Cavite ITD	Lorenz Jhay A. Flores, Mark jhon V. Tibayan Kenneth Ivan Santos, Mico B. Olivares
Cavite State University - Naic | Bucana Malaki, Naic, Cavite Registrar Office	Ryan Emmanuel A. Espinosa
Cavite State University - Naic | Bucana Malaki, Naic, Cavite Supply Office	Arjie Mar Titong
Cavite State University - Naic | Bucana Malaki, Naic, Cavite Library	Alvin I. Santiago, Joshua Andrei R. Roquid Den Enoch P. Mendoza

2.2 List of BSCS students and the companies for their OJT last 2023-2024 (*See table 2 below*).

Table 2. List of BSCS students with their OJT company.

Group No.	OJT Center and Address	Contact Person
1	Michael D. Bersamina	BANGKO MABUHAY, A. Soriano Highway, Brgy. Daang Amaya III Tanza, Cavite.
2	Rob Kian L. de Vera	Yek Yeu Merchandising. 500 San Fernando St., Binondo, Manila
3	Elijah Deine R. Casama Shaneen Erika M. Lisboa	Manalang Graphics A. Soriano Highway Brgy. Amaya 1, Tanza, Cavite
4	Renedel T. Corpuz	Servpro Consolidated Inc. 178 Querubin Subd. Ibayo, Silangan, Naic, Cavite
5	John Rev P. Erong	Cavite State University - Naic | Bucana Malaki, Naic, Cavite
6	Timothy Jorge B. So	Cavite State University - Naic
7	Carl Emmanuel T. Cruda, Ysrael G. Fernandez, Joanna Mae R. Lusterio, Kaye Andrea C. Velez	Emilio Aguinaldo College Medical Center - Cavite, Brgy. Salitran II, DasmariÃ±as, Cavite, DasmariÃ±as, Philippines, 4114
8	Georgette G. Aguilar	WJS elohim Advanced Builders Inc. Unit 208 Pacific Corporate Center, 163 Brgy. Bungad West Avenue, Quezon City
9	Ralph Andrei A. Encarnacion Marc Samuel D. Canales	0178 ServPro Consolidated Inc., Querebin Subdivision, Ibayo Silangan, Naic, Cavite
10	Jireh Christopher F. De La Rosa	Philippines Central Engagement Services Incorporated One Building Lot 22 Blk 56, Costa Verde, Brgy Tejeros, Rosario Cavite
11	Renz Joshua O. Betanio Adrianne D. Evangelista Ray John B. Dionido	Philippine Statistics Authority - Trece, Cavite
12	Ainslhey Jannelle C. Arsenal, Christopher B. Aoun, Jan Karl Cedrick A. Casama	Gen. Emilio Aguinaldo Memorial Hospital. Brgy Luciano Trece, Martires Cavite
13	Jushua Bulado	Maragondon Municipal, Maragondon Cavite
14	Eric John A. Peńa	Philippine Economic Zone CEZ Rosario Cavite
15	Monica B. Borlongan	S.P. Madrid & Associates, PITX Tower 2, 5th floor, 1 Kennedy Road, Baranggay Tambo, 1701 Paranaque City
16	Jules R. Capuras	MMDRMO Naic Municipality

2.3 Some of the Memorandum of Agreement (MOA) of BSCS students for their On-the-Job training.



MEMORANDUM OF AGREEMENT

This Agreement made and entered in

CAVITE STATE UNIVERS
State University System through R
February 6, 2001 located at Buca
Administrator, PROF. LEAH C. NA

WJS ELOHIM ADVANCED BU
Philippine laws, with principal offi
WENDEL J. SANGUYO, herein a

WHEREAS, the commitme
that they will become highly c
specialization such as system analys

WHEREAS, one effective
worthwhile learning experiences ou
their technical and managerial skills

WHEREAS, in the pursu
Technology Department of Cavit
requirements which will be conduct

NOW THEREFORE, for
agree and stipulate the following:

1. The parties shall arrange

2. The inclusive training pe
fulfilled.

3. CvSU/University, throug
Department, shall perform t

3.1 Initiate the neg
endorsement p
the student;

3.2 Coordinate wit

IN WITNESS WHEREOF, the parties here signed the Agreement this JUL 17 2024 day of July in Bucana, Naic, Cavite. QUEZON CITY

CAVITE STATE UNIVERSITY NAIC
LEAH C. NAVARRO, EdD
, Campus Administrator

WJS ELOHIM ADVANCED BUILDERS
WENDEL J. SANGUYO
CEO

WITNESSES

ROSSIAN V. PEREA, DIT
OJT Coordinator

BUENAVENTURA J. SANGUYO
IT Tech - Head

RICKY JAY A. RIEL, DIT
Chair, Information Technology Department

ARNILYN T. ABALOT
Secretary

ALESSANDRA M. FERNANDO
Parent/Guardian

ACKNOWLEDGMENT

REPUBLIC OF THE PHILIPPINES)
PROVINCE OF CAVITE) QUEZON CITY
MUNICIPALITY OF NAIC) ss

SUBSCRIBED TO AND SWORN BEFORE ME, a Notary Public, for and in the Town QUEZON CITY of Naic, this _____ day of JUL 17 2024 2024.

Notary Public

WITNESS MY HAND AND SEAL.
Doc. No. 207
Page No. 42
Book No. 3-G
Series of 2024

ATTY. JOHNREY L. VILLABLAGON
Notary Public
Until December 31, 2024
ADM. MATTER NO. NP-475 (2023-2024)
IBP No. 406666/01-08-24/QC
PTR No. 5410002/01-08-24QC
Roll No. 83492
MCLE: Admitted to the Bar in 2022
52 Block 3 St. Brgy. Ramon Magsaysay, QC.

Figure 5. Memorandum of Agreement (MOA) of BSCS student 1

MEMORANDUM OF AGREEMENT

This Agreement made and entere

CAVITE STATE UNIVI
State University System through
February 6, 2001 located at
Administrator, DR. LEAH C. NA

SERVPRO CONSOLIDATED
laws, with principal office locate
MRS. JEZIKA VON B. ABAD,

WHEREAS, the commitn
that they will become highly
specialization such as system anal

WHEREAS, one effective
worthwhile learning experiences
their technical and managerial skil

WHEREAS, in the purs
Technology Department of Cav
requirements which will be condu

NOW THEREFORE, fo
agree and stipulate the following:

1. The parties shall arrange

2. The inclusive training p
fulfilled.

3. CvSU/University, throug
Department, shall perform

3.1 Initiate the neg
endorsement p
the student;

3.2 Coordinate wi

IN WITNESS WHEREOF, the parties here signed the Agreement this 31 JUL 2024 day of July in Bucana, Naic, Cavite.

CAVITE STATE UNIVERSITY NAIC
LEAH C. NAVARRO, EdD
Campus Administrator

SERVPRO CONSOLIDATED INC.
MRS. JEZIKA VON B. ABAD
Administrative Head

WITNESSES

ROSSIAN V. PEREA, DIT
OJT Coordinator

Collete Gwyn P. Mamauag
Sales Officer

RICKY JAY A. RIEL, DIT
Chair, Information Technology Department

Leo M. De Ocampo
Operations Manager

TEODORA T. CORPUZ
Parent/Guardian

ACKNOWLEDGMENT

REPUBLIC OF THE PHILIPPINES)
PROVINCE OF CAVITE)
MUNICIPALITY OF NAIC) ss

SUBSCRIBED TO AND SWORN BEFORE ME, a Notary Public, for and in the Town of Naic, this 31 JUL 2024 day of _____ 2024.

ATTY. JOSE A. MENDOZA
Notary Public
Until December 31, 2024
IBP No. 305521
Roll No. 23947
PTR No. 7143942
MCLE Exemption No. VII-MTC-003328
Valid until April 14, 2025

Notary Public

WITNESS MY HAND AND SEAL.
Doc. No. 265
Page No. 54
Book No. XLIV
Series of 2024

Figure 6. Memorandum of Agreement (MOA) of BSCS student 2

3. Support faculty development through studying, training, certifications, and industry immersion programs.

The program actively facilitates targeted studying, training, certifications, and immersive industry programs for its faculty, ensuring educators remain at the forefront of their respective fields and can impart the most current knowledge to students.

3.1 CHED-Sikap Scholarship Grantees

Two BSCS professors applied in CHED-Sikap scholarship program of Commission on Higher Education (CHED) with the degree of Doctor in Information Technology (DIT). The scholarships for Staff and Instructors' Knowledge Advancement Program (SIKAP) GRANT is an educational program for Filipino faculty and personnel of higher education institutions (HEIs).

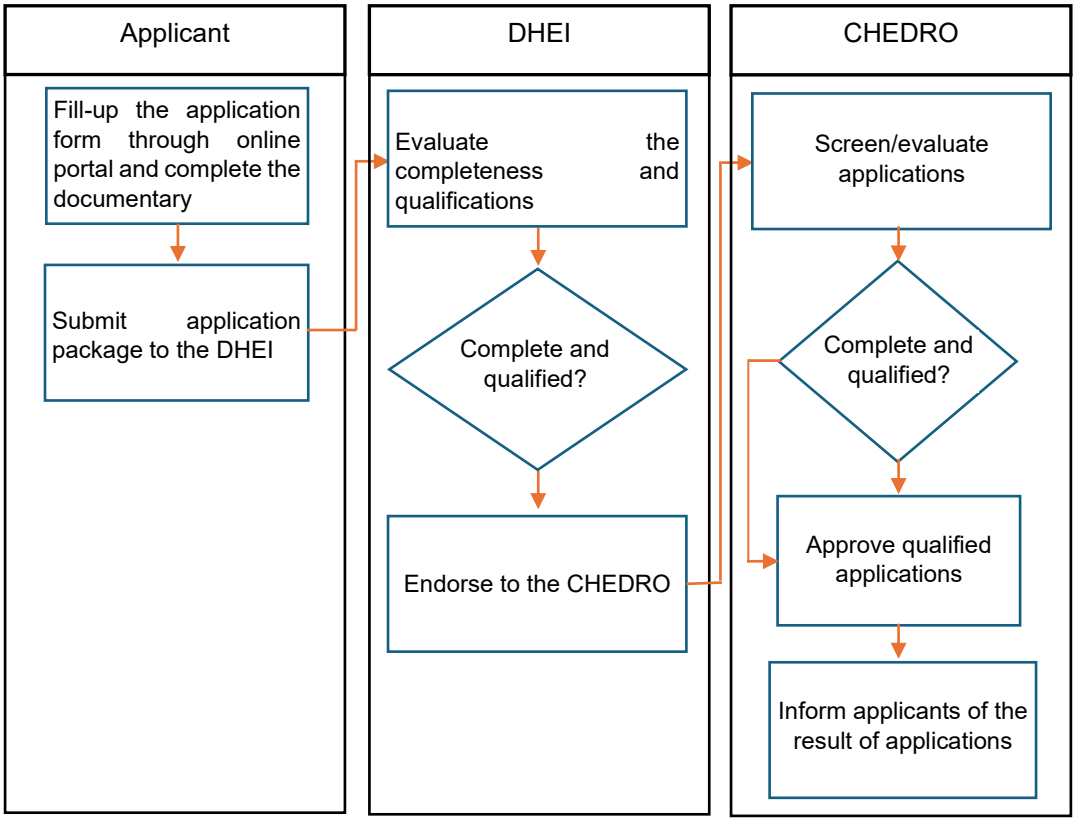
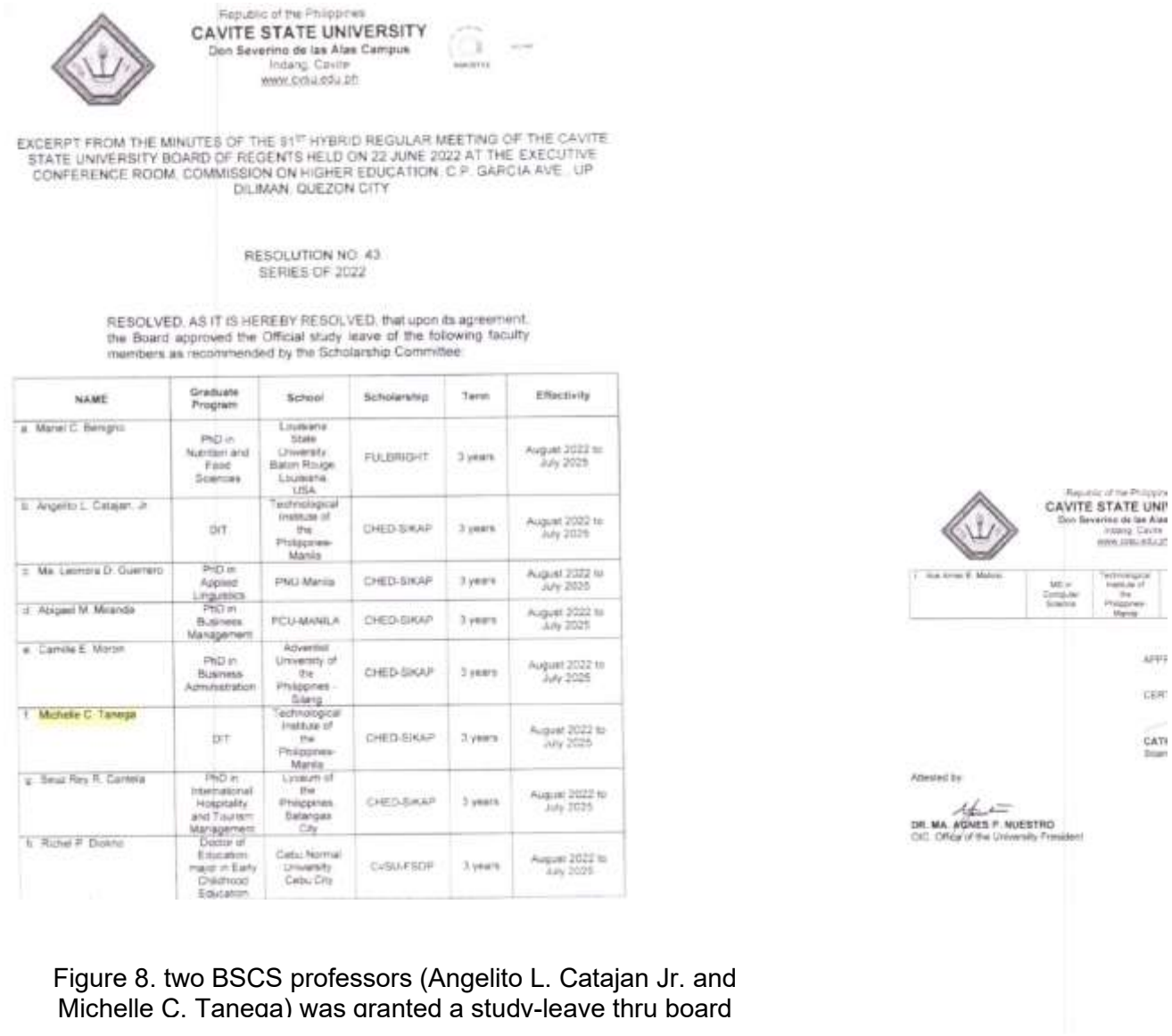


Figure 7. Application process of DHEI model of CHED-Sikap scholarship

(See Handbook for SIKAP Grant - Full-Time Study.pdf https://drive.google.com/drive/folders/17RyyRACpWTQvLFg0ASgVZs9QvyMkI4R?usp=drive_link)



Republic of the Philippines
CAVITE STATE UNIVERSITY
Don Severino de las Alas Campus
Indang, Cavite
www.cvsu.edu.ph

EXCERPT FROM THE MINUTES OF THE 91ST HYBRID REGULAR MEETING OF THE CAVITE STATE UNIVERSITY BOARD OF REGENTS HELD ON 22 JUNE 2022 AT THE EXECUTIVE CONFERENCE ROOM, COMMISSION ON HIGHER EDUCATION, C.P. GARCIA AVE., UP DILIMAN, QUEZON CITY

RESOLUTION NO. 43
SERIES OF 2022

RESOLVED, AS IT IS HEREBY RESOLVED, that upon its agreement, the Board approved the Official study leave of the following faculty members as recommended by the Scholarship Committee:

NAME	Graduate Program	School	Scholarship	Term	Effectivity
a. Manel C. Benigno	PhD in Nutrition and Food Sciences	Louisiana State University Baton Rouge, Louisiana USA	FULBRIGHT	3 years	August 2022 to July 2025
b. Angelito L. Catajan, Jr.	DIT	Technological Institute of the Philippines-Manila	CHED-SIKAP	3 years	August 2022 to July 2025
c. Ma. Leonora D. Guerrero	PhD in Applied Linguistics	PNU-Manila	CHED-SIKAP	3 years	August 2022 to July 2025
d. Abigael M. Miranda	PhD in Business Management	PCU-MANILA	CHED-SIKAP	3 years	August 2022 to July 2025
e. Camille E. Moron	PhD in Business Administration	Adventist University of the Philippines - Silang	CHED-SIKAP	3 years	August 2022 to July 2025
f. Michelle C. Tanega	DIT	Technological Institute of the Philippines-Manila	CHED-SIKAP	3 years	August 2022 to July 2025
g. Seiul Rey R. Cantela	PhD in International Hospitality and Tourism Management	Lyceum of the Philippines Batangas City	CHED-SIKAP	3 years	August 2022 to July 2025
h. Richel P. Dioano	Doctor of Education major in Early Childhood Education	Cebu Normal University Cebu City	CvSU-FSDP	3 years	August 2022 to July 2025

Attested by:

DR. MA. AGNES P. NUESTRO
OIC, Office of the University President

Figure 8. two BSCS professors (Angelito L. Catajan Jr. and Michelle C. Tanega) was granted a study-leave thru board

Institusyong Panteknolohiya ng Pilipinas
TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES
Maynila
Manila

COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV • ISO 9001 •

Sa Lahat ng Makatutunghay
Know All Men by These Presents
na ang Lupon ng mga Katiwala sa pamamagitan ng kapangyarihang ipinagkaloob ng
that the Board of Trustees by virtue of the authority vested in it by the
Komisyon ng Lalong Mataas na Paaralan ay naggawad kay
Commission on Higher Education has conferred upon

Angelito Lungay Catajan Jr.

na nakatupad ng may kahusayan ng kaukulang programa, ang katibayan ng antas na
who has satisfactorily completed the prescribed program, the degree of

Doktor ng Teknolohiyang Pang-impormasyon
Doctor in Information Technology

kalakip ang lahat na karapatan, karangalan at pribilehiyo
with all the rights, honors and privileges
at gayon din ang mga tungkulin at pananagutang inuukol dito.
as well as the obligations and responsibilities thereunto appertaining

Iginawad sa Lungsod ng Maynila, Pilipinas, ngayong ika-18 ng Mayo
Given in the City of Manila, Philippines, this 18th day of May
taon ng ating Panginoon Dalawang Libo at Dalawampu't Apat
in the year of our Lord Two Thousand and Twenty Four

The Technological Institute of the Philippines, Manila was granted AUTONOMOUS STATUS on June 1, 2019 by the Commission on Higher Education and is EXEMPTED from the Special Order (S.O.) No. requirement in accordance with CHED Memo Order No. 12 s. 2019

Dean | Registrar | President

№ 04490

Figure 9. Diploma of CHED-Sikap scholar 1

Institusyong Panteknolohiya ng Pilipinas
TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES
Maynila
Manila

TIPM-REG-002 COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV • ISO 9001 •

Sa Lahat ng Makatutunghay
Know All Men by These Presents
na ang Lupon ng mga Katiwala sa pamamagitan ng kapangyarihang ipinagkaloob ng
that the Board of Trustees by virtue of the authority vested in it by the
Komisyon ng Lalong Mataas na Paaralan ay naggawad kay
Commission on Higher Education has conferred upon

Michelle Catahan Tanega

na nakatupad ng may kahusayan ng kaukulang programa, ang katibayan ng antas na
who has satisfactorily completed the prescribed program, the degree of

Doktor ng Teknolohiyang Pang-impormasyon
Doctor in Information Technology

kalakip ang lahat na karapatan, karangalan at pribilehiyo
with all the rights, honors and privileges
at gayon din ang mga tungkulin at pananagutang inuukol dito.
as well as the obligations and responsibilities thereunto appertaining

Iginawad sa Lungsod ng Maynila, Pilipinas, ngayong ika-18 ng Mayo
Given in the City of Manila, Philippines, this 18th day of May
taon ng ating Panginoon Dalawang Libo at Dalawampu't Apat
in the year of our Lord Two Thousand and Twenty Four

The Technological Institute of the Philippines, Manila was granted AUTONOMOUS STATUS on June 1, 2019 by the Commission on Higher Education and is EXEMPTED from the Special Order (S.O.) No. requirement in accordance with CHED Memo Order No. 12 s. 2019

Dean | Registrar | President

Figure 9. Diploma of CHED-Sikap scholar 2

3.2 National and International membership

The institution maintains active membership in reputable national and international organizations, enabling faculty and academic programs to remain engaged with professional communities, adopt best practices, and participate in collaborative endeavors that contribute to academic excellence and global competitiveness.

Figure 11. National membership identification for two of the BSCS professors

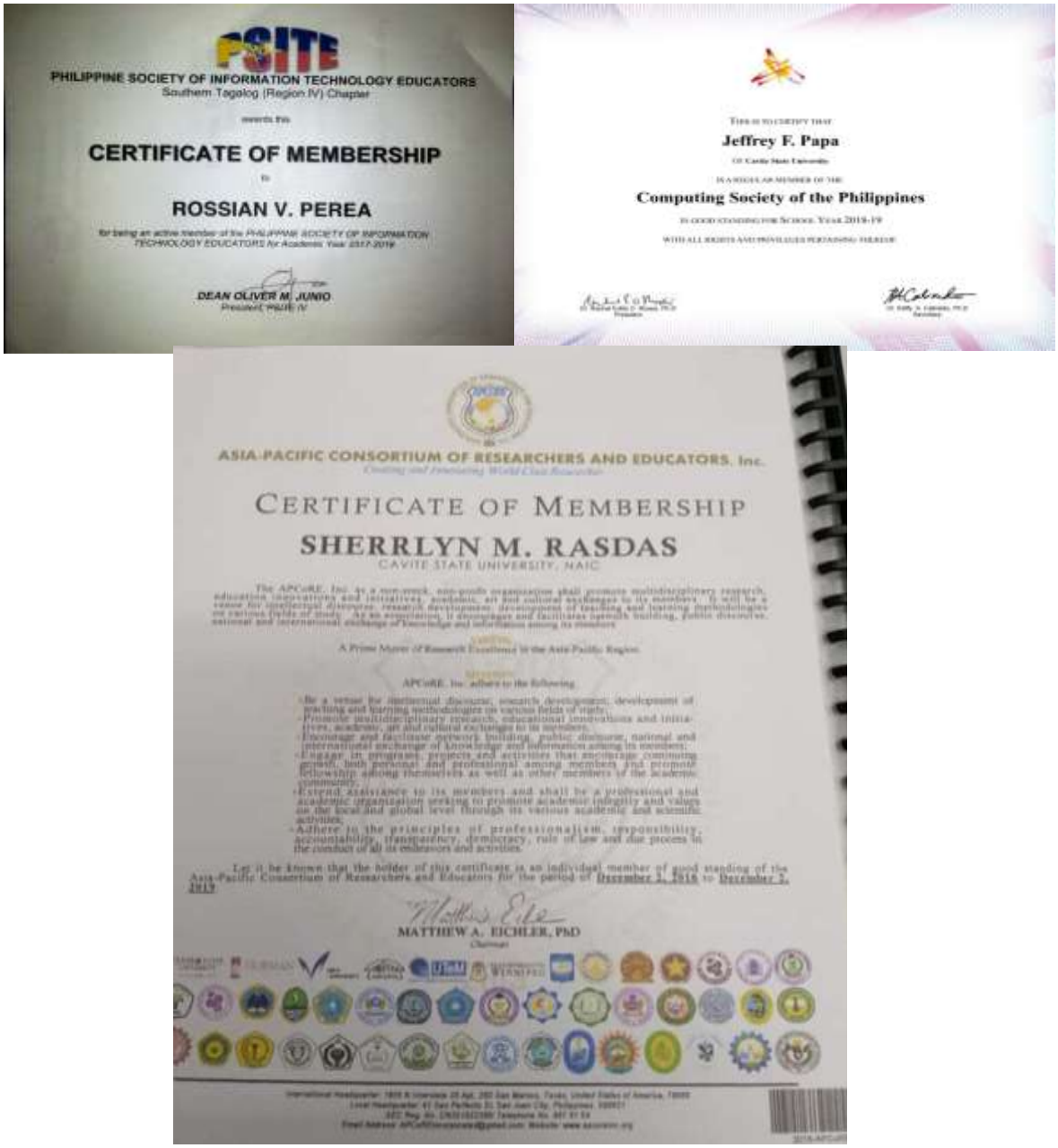


Figure 12. Other BSCS professors with their national and international membership certificate

3.3 Training certificate of BSCS Professors

In the dynamic and relentlessly evolving field of Computer Science, the proficiency and currency of our faculty are paramount to delivering an outstanding educational experience. For the BSCS program, the continuous professional development of our professors is not merely an institutional requirement but a strategic imperative.

Figure 13. Training certificate for one of the BSCS professors

Figure 14. Some of the certificates of other BSCS professors

4. Promote collaborative research and innovation projects with partner institutions and organizations.

The BSCS program fosters a vibrant culture of inquiry and problem-solving by engaging in joint research and innovation initiatives with its partner institutions and organizations.

4.1 Procedures to establish linkage (local and international)

Table 3. Step-by-step process to establish linkages

#	Client step	Action
1	Submission of copy/draft of MOU/ MOA to ILCLO.	Receive/Acknowledge/Review the Communication - Check the legitimacy of the company and forward the company profile, operating license/business permit and proposal/ Memorandum of Agreement (MOA)/ Understanding to the University's Legal Office.
2	Review of the document by the office of the University President and the Legal Office.	ILCLO will forward the proposed MOU/MOA on behalf of the proponent to the Office of the University President and Legal Office for comments and review.
3	Inclusion of legal comments.	The legal office will forward the reviewed document to ILCLO, and the proponent will include all the legal comments in the document for the approval of their respective units.
4	Presentation of the documents to the Administrative Council	After the comments have been included in the document and the approval of their respective units, ILCLO will request for the inclusion of the proposed MOU/MOA for presentation during the Administrative Council meeting for approval and subsequent endorsement to the Board of Regents (BOR).
5	Presentation to and approval of the BOR.	The proposed MOU/MOA will then be endorsed for review and approval of the BOR.
6	Signing of the MOU/MOA	The version of the MOU/MOA approved by the BOR is ready for signing and implementation.

(*See ILCLO-CITIZENS-CHARTER_revised.pdf:* https://drive.google.com/drive/folders/17RyyRACpWTQvLFg0ASgVZ-s9QvyMkI4R?usp=drive_link)

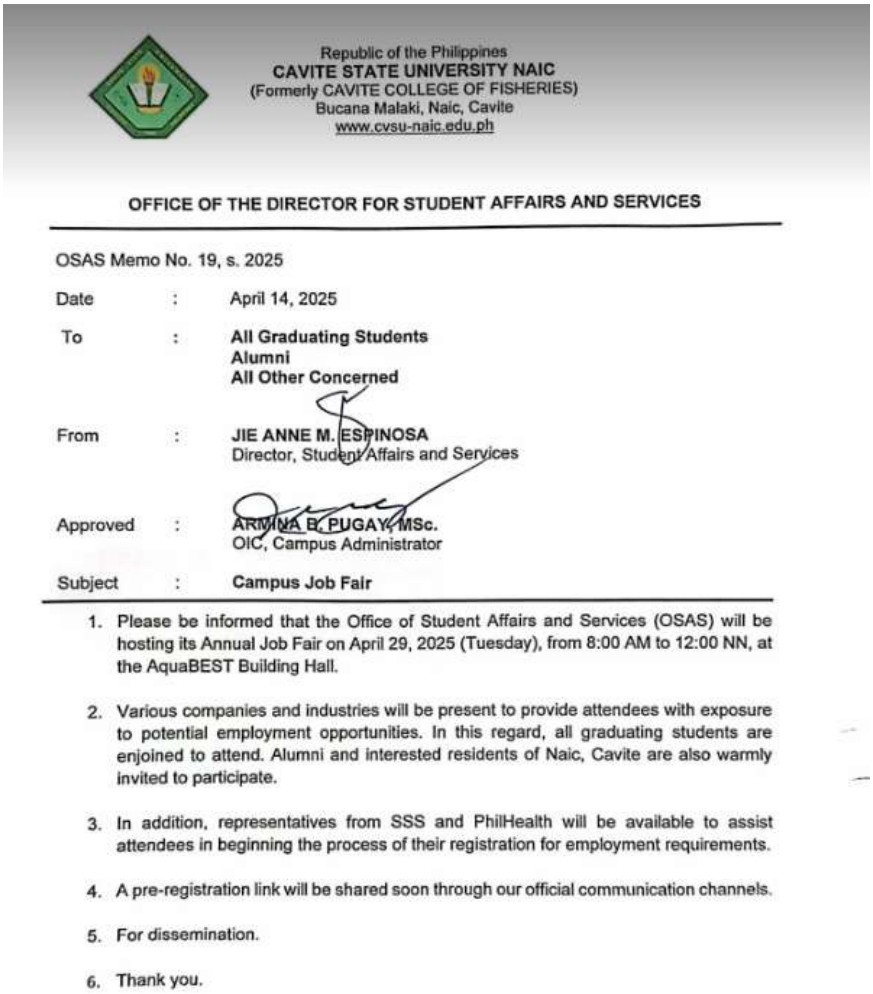
4.2 d

5. Improve graduate employability through career fairs, industry mentoring, and job placement linkages.

Dedicated career fairs, comprehensive industry mentoring programs, and strategic job placement linkages are implemented to facilitate a smooth and successful transition for graduates from academia to professional life.

5.1 CvSU Naic hosting an annual job fair

Memorandum of Agreement of CvSU Naic OSAS hosting its annual job fair.



Republic of the Philippines
CAVITE STATE UNIVERSITY NAIC
(Formerly CAVITE COLLEGE OF FISHERIES)
Bucana Malaki, Naic, Cavite
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OFFICE OF THE DIRECTOR FOR STUDENT AFFAIRS AND SERVICES

OSAS Memo No. 19, s. 2025

Date : April 14, 2025

To : **All Graduating Students**
Alumni
All Other Concerned

From : **JIE ANNE M. ESPINOSA**
Director, Student Affairs and Services

Approved : **ARMINA B. PUGAY, MSc.**
OIC, Campus Administrator

Subject : **Campus Job Fair**

1. Please be informed that the Office of Student Affairs and Services (OSAS) will be hosting its Annual Job Fair on April 29, 2025 (Tuesday), from 8:00 AM to 12:00 NN, at the AquaBEST Building Hall.
2. Various companies and industries will be present to provide attendees with exposure to potential employment opportunities. In this regard, all graduating students are enjoined to attend. Alumni and interested residents of Naic, Cavite are also warmly invited to participate.
3. In addition, representatives from SSS and PhilHealth will be available to assist attendees in beginning the process of their registration for employment requirements.
4. A pre-registration link will be shared soon through our official communication channels.
5. For dissemination.
6. Thank you.

Figure 15. Annual Job Fair hosted by CvSU Naic and posted by official Facebook page of Municipality of Naic

Figure 16. Job Fair announcement posted in the local government

6. Implement ICT-based community extension projects in partnership with local government units and NGOs.

Demonstrating its commitment to social responsibility and technology transfer, the program actively undertakes ICT-based community extension projects, working hand-in-hand with local government units and non-governmental organizations to address community needs.

Table 4. ICT-based community extension projects

Program/Project/Activity	**Accomplishment**
Year: 2024 **TECHBRIDGE:** Empowering Communities with IT Skills and Innovative Tools for Professional and Community Advancement ● **Tech Edu-Boost** Empowering Educational Community Through Information and Communication Technology ● **Tech Pathways** Advancing ALS Students Through Computer Literacy and Digital Skills ● **Tech-Ready** Empowering Educators and Students with ARDANs Mobile Technology for Disaster Risk Reduction	Community Needs Assessment (CNA) Monitoring and Evaluation of SIKTeK (ARDANs) Extension Project at Selected Community Learning Center - ALS Tanza Meeting for Post Evaluation of Community Needs Assessment (CNA) Monitoring and Evaluation of SIKTeK (ARDANs) Extension Project Salin Impormasyon ng Kaalaman at Teknolohiya sa Kompyuter (SIKTeK) Extension Project Team Meeting Community Needs Assessment (CNA)
Year: 2019 – 2024 **Batangan 2.0 Extension Program** ● Salin Impormasyon at Kaalaman sa Teknolohiya ng Kompyuter (**SIKTeK**) ● Zero Waste Management in the Coastal Areas of Naic, Cavite (**Project Zero**)	Off-campus practice of Zero Waste Management: Planting of plants using recycled materials. Collaborative efforts of the 2nd year BSBM students to practice 3Rs in their respective households. Project leader Prof. Emelita Sto. Tomas conducted a consultation meeting with student leaders and office personnel at the Office of the Students Affairs and Services (OSAS). Discussion and planning on Zero Waste Management in the campus and nearby coastal barangays were tackled last July 03, 2019, at OSAS. The Central Student Governments' President Mr. Ceazar Calpe discussed the plan of activities and introduced the extension project entitled "PROJECT ZERO" for the Academic Year 2019-2020 last August 14, 2019, at Aquabest bldg. Project Zero is part of the Zero Waste Extension Project. The Central Student Government facilitated the General Monthly Meeting. One of the topics discussed was the monthly cleanup in the campus premises as part of the activities in Project Zero.
Year: 2018-2024 **ICT-AGMAS**	ICT-Assisted Growth Management System for Mud Crabs (ICT-AGMAS) is a research and extension project developed and led by one of the BSCS Professor Rossian V. Perea. The research project implementation happened last June 10, 2018 The certificate of utilization was signed and the duration is June 2018-May 2020.

6.1 TechBridge extension project

"TechBridge: Empowering Communities with IT Skills and Innovative Tools for Professional and Community Advancement" is a program that composed of three strategic projects, each addressing different community needs through technology and education.

6.1.1 TechBridge program proposal

Republic of the Philippines
CAVITE STATE UNIVERSITY NAIC
(Formerly Cavite College of Fisheries)
Bucana, Naic, Cavite
6) 856-0401/856-0943/697-9530 Fax. No. (046) 856-0942
@cvsu-naic.edu.ph / http://www.cvsu-naic.edu.ph

ACTIVITY PROPOSAL

Title:	**Inclusive Disaster Risk Response: Integrating Gender Perspectives for Resilient Communities**
Proponent:	**Information Technology Department (ITD)**
Participants:	**Selected Sanguniang Barangay of Naic.Cavite**
Venue:	**CvSU Naic and Offices of the participants**
Duration:	**2 Days**
Date:	**April 25, 2025 and May 16, 2025**
ITD Budget:	**Php 20,000.00**
GAD Budget:	**Php 10,000.00**

Rationale
The Information Technology Department (ITD) recogn
technology in disaster preparedness and response. As p
community engagement, capacity building, and inclusi
implement a technology transfer and dissemination initiative
Mobile Application for Disaster Preparedness, benefiting t
Barangay of Naic, Cavite.

This initiative will be integrated into each barangay's disast
equipping local officials and community members with both t
skills essential for effective emergency response. By comb
hands-on life-saving techniques, this initiative fosters a co
disaster risk management, ensuring that communities a
resilient, and inclusive.

Guided by GEDSI (Gender Equality, Disability, and Socia
program will actively promote the participation of women,
senior citizens, youth, and other vulnerable sectors in both
making processes. By ensuring accessibility, gender
representation, this initiative aims to empower all mem
recognizing their unique needs and capacities in disaster pr

Dr. Ricky Jay Riel /ICTSO	
Mr. Stanley Panag Ms. Dezza Anne A. Peregrina Ms. Kimberly Rose P. Bautista	Evaluation
Ms. Flordeluna B. Merlan ICTSO	Food Committee
Ms. Arvel O. Himor	Event proceeding
All IT Faculty (Fulltime/Part-time) ICTSO Officers	ARDAN'S Plan Demo Assistant/ Tech transfer Deployment

Prepared by:
JOMARLO CAUNIO
Extension Coordinator, IT Department

Noted:
EMELITA N. STO. TOMAS
Extension Unit Head, RDES

Reviewed by:
ALLAN E. EVARDO Jr., MMPA
GAD Coordinator

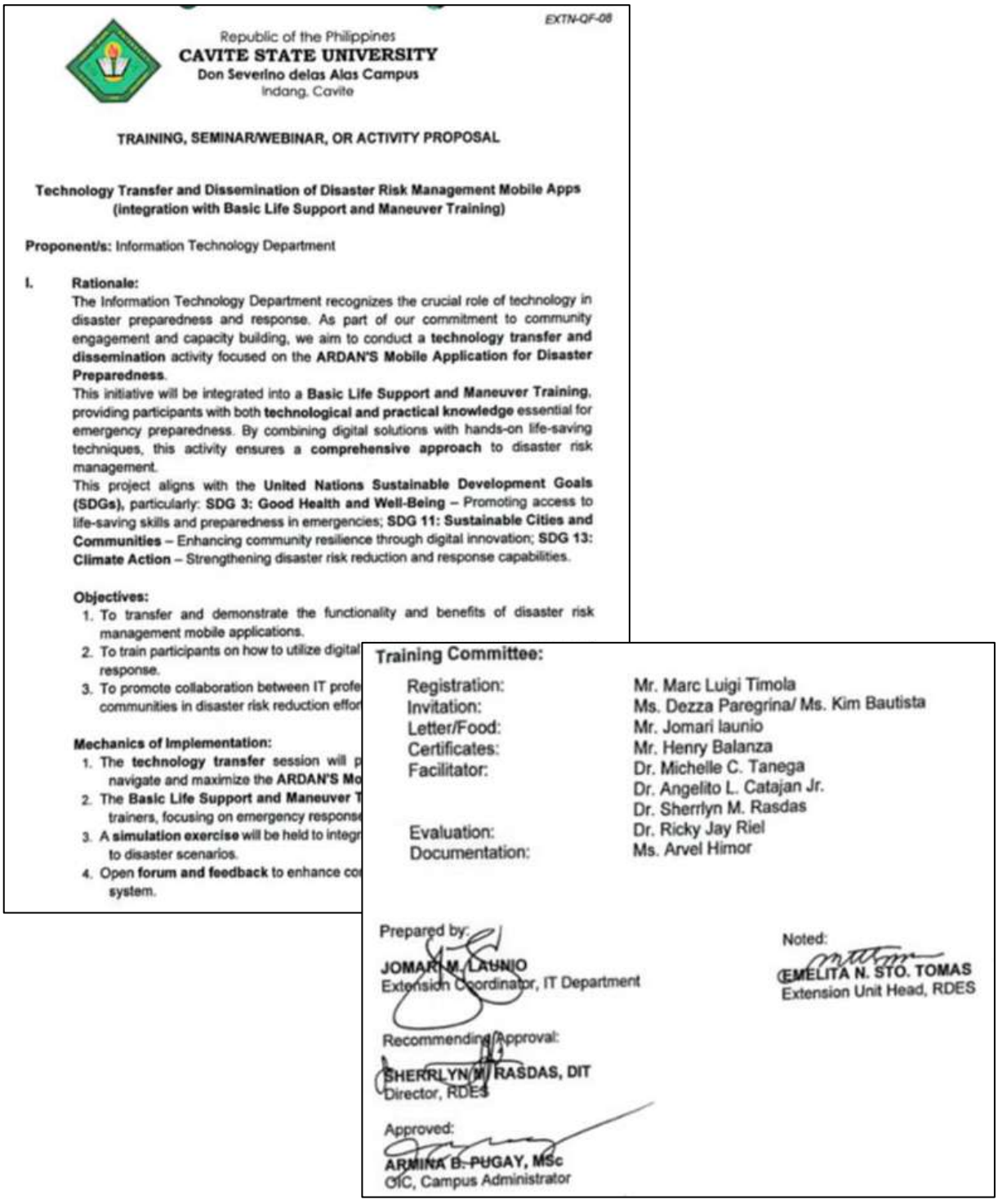
Recommending Approval:
SHERRLYN M. RASDAS, DIT
Director, RDES

Approved:
ARMINA B. PUGAY, MSc
OIC, Campus Administrator

Figure 17. Activity proposal of ARDANs technology transfer

(See Activity Proposal of ARDAN Bucana Malaki.docx: https://drive.google.com/drive/folders/17RyyRACpWTQvLFg0ASgVZ-s9QvyMkI4R?usp=sharing)

6.1.2 Activity proposal of ARDAN's technology transfer and integrated with basic life support and maneuver training



EXTN-QF-08

Republic of the Philippines
CAVITE STATE UNIVERSITY
Don Severino delas Alas Campus
Indang, Cavite

TRAINING, SEMINAR/WEBINAR, OR ACTIVITY PROPOSAL

Technology Transfer and Dissemination of Disaster Risk Management Mobile Apps (integration with Basic Life Support and Maneuver Training)

Proponent/s: Information Technology Department

I. **Rationale:**
The Information Technology Department recognizes the crucial role of technology in disaster preparedness and response. As part of our commitment to community engagement and capacity building, we aim to conduct a **technology transfer and dissemination** activity focused on the **ARDAN'S Mobile Application for Disaster Preparedness**.
This initiative will be integrated into a **Basic Life Support and Maneuver Training**, providing participants with both **technological and practical knowledge** essential for emergency preparedness. By combining digital solutions with hands-on life-saving techniques, this activity ensures a **comprehensive approach** to disaster risk management.
This project aligns with the **United Nations Sustainable Development Goals (SDGs)**, particularly: **SDG 3: Good Health and Well-Being** – Promoting access to life-saving skills and preparedness in emergencies; **SDG 11: Sustainable Cities and Communities** – Enhancing community resilience through digital innovation; **SDG 13: Climate Action** – Strengthening disaster risk reduction and response capabilities.

Objectives:
1. To transfer and demonstrate the functionality and benefits of disaster risk management mobile applications.
2. To train participants on how to utilize digital
response.
3. To promote collaboration between IT profe
communities in disaster risk reduction effor

Mechanics of Implementation:
1. The **technology transfer** session will p
navigate and maximize the **ARDAN'S Mo**
2. The **Basic Life Support and Maneuver T**
trainers, focusing on emergency respons
3. A **simulation exercise** will be held to integr
to disaster scenarios.
4. Open **forum and feedback** to enhance co
system.

Training Committee:

Registration:	Mr. Marc Luigi Timola
Invitation:	Ms. Dezza Paregrina/ Ms. Kim Bautista
Letter/Food:	Mr. Jomari launio
Certificates:	Mr. Henry Balanza
Facilitator:	Dr. Michelle C. Tanega
	Dr. Angelito L. Catajan Jr.
	Dr. Sherrlyn M. Rasdas
Evaluation:	Dr. Ricky Jay Riel
Documentation:	Ms. Arvel Himor

Prepared by:
JOMARI M. LAUNIO
Extension Coordinator, IT Department

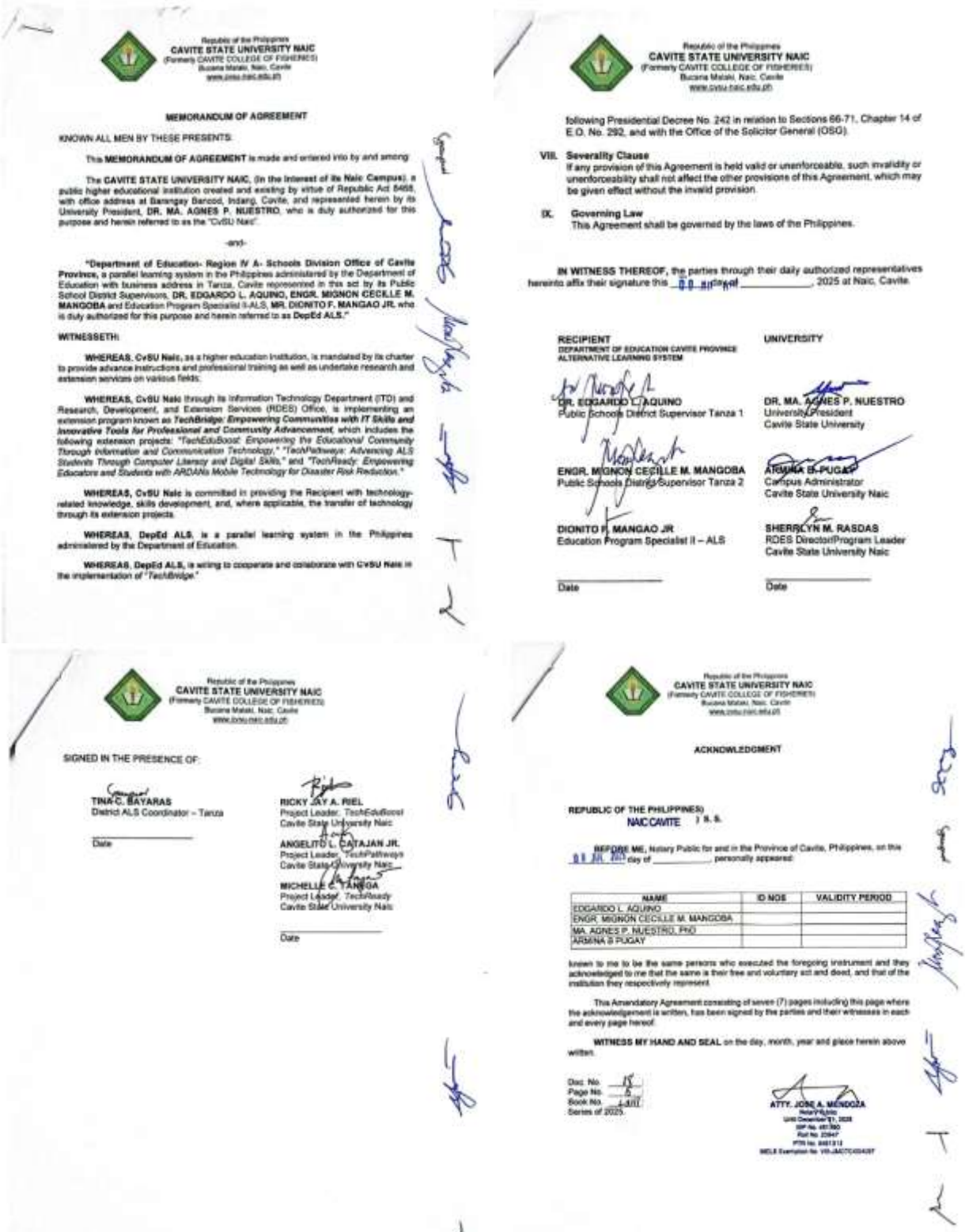
Noted:
EMELITA N. STO. TOMAS
Extension Unit Head, RDES

Recommending Approval:
SHERRLYN M. RASDAS, DIT
Director, RDES

Approved:
ARMINA B. PUGAY, MSc
OIC, Campus Administrator

Figure 18. Activity proposal of ARDAN's Technology Transfer and integrated with basic life support and maneuver training
(See Activity Proposal of ARDAN CCJ.docx: https://drive.google.com/drive/folders/17RyyRACpWTQvLFg0ASgVZ-s9QvyMkI4R?usp=sharing)

6.1.3 Memorandum of Agreement (MOA) for ARDAN's Technology at Alternative Learning System (ALS)



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CAVITE STATE UNIVERSITY NAIC
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Bucana Malaki, Naic, Cavite
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MEMORANDUM OF AGREEMENT

KNOWN ALL MEN BY THESE PRESENTS:

This **MEMORANDUM OF AGREEMENT** is made and entered into by and among:

The **CAVITE STATE UNIVERSITY NAIC, (In the Interest of its Naic Campus)**, a public higher educational institution created and existing by virtue of Republic Act 9468, with office address at Barangay Bancod, Indang, Cavite, and represented herein by its University President, **DR. MA. AGNES P. NUESTRO**, who is duly authorized for this purpose and herein referred to as the "CvSU Naic".

-and-

"Department of Education- Region IV A- Schools Division Office of Cavite Province, a parallel learning system in the Philippines administered by the Department of Education with business address in Tanza, Cavite represented in this act by its Public School District Supervisors, **DR. EDGARDO L. AQUINO, ENGR. MIGNON CECILLE M. MANGOBA** and Education Program Specialist II-ALS, **MR. DIONITO F. MANGAO JR.** who is duly authorized for this purpose and herein referred to as **DepEd ALS."**

WITNESSETH:

WHEREAS, CvSU Naic, as a higher education institution, is mandated by its charter to provide advance instructions and professional training as well as undertake research and extension services on various fields;

WHEREAS, CvSU Naic through its Information Technology Department (ITD) and Research, Development, and Extension Services (RDES) Office, is implementing an extension program known as ***TechBridge: Empowering Communities with IT Skills and Innovative Tools for Professional and Community Advancement***, which includes the following extension projects: *"TechEduBoost: Empowering the Educational Community Through Information and Communication Technology," "TechPathways: Advancing ALS Students Through Computer Literacy and Digital Skills,"* and *"TechReady: Empowering Educators and Students with ARDANs Mobile Technology for Disaster Risk Reduction."*

WHEREAS, CvSU Naic is committed in providing the Recipient with technology-related knowledge, skills development, and, where applicable, the transfer of technology through its extension projects.

WHEREAS, DepEd ALS, is a parallel learning system in the Philippines administered by the Department of Education.

WHEREAS, DepEd ALS, is willing to cooperate and collaborate with **CvSU Naic** in the implementation of *"TechBridge."*

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following Presidential Decree No. 242 in relation to Sections 66-71, Chapter 14 of E.O. No. 292, and with the Office of the Solicitor General (OSG).

VIII. Severality Clause
If any provision of this Agreement is held valid or unenforceable, such invalidity or unenforceability shall not affect the other provisions of this Agreement, which may be given effect without the invalid provision.

IX. Governing Law
This Agreement shall be governed by the laws of the Philippines.

IN WITNESS THEREOF, the parties through their duly authorized representatives hereinto affix their signature this 08 AUG 2025 day of _____, 2025 at Naic, Cavite.

RECIPIENT DEPARTMENT OF EDUCATION CAVITE PROVINCE ALTERNATIVE LEARNING SYSTEM	UNIVERSITY
DR. EDGARDO L. AQUINO Public Schools District Supervisor Tanza 1	**DR. MA. AGNES P. NUESTRO** University President Cavite State University
ENGR. MIGNON CECILLE M. MANGOBA Public Schools District Supervisor Tanza 2	**ARMINA B. PUGAY** Campus Administrator Cavite State University Naic
DIONITO F. MANGAO JR Education Program Specialist II – ALS	**SHERRILYN M. RASDAS** RDES Director/Program Leader Cavite State University Naic
Date	Date

Republic of the Philippines
CAVITE STATE UNIVERSITY NAIC
(Formerly CAVITE COLLEGE OF FISHERIES)
Bucana Malaki, Naic, Cavite
www.cvsu-naic.edu.ph

SIGNED IN THE PRESENCE OF:

TINA C. BAYARAS
District ALS Coordinator – Tanza

Date

RICKY JAY A. RIEL
Project Leader, TechEduBoost
Cavite State University Naic

ANGELITO L. CATAJAN JR.
Project Leader, TechPathways
Cavite State University Naic

MICHELLE C. TANEGA
Project Leader, TechReady
Cavite State University Naic

Date

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Bucana Malaki, Naic, Cavite
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ACKNOWLEDGMENT

REPUBLIC OF THE PHILIPPINES)
NAIC CAVITE) S. S.

BEFORE ME, Notary Public for and in the Province of Cavite, Philippines, on this 08 AUG 2025 day of _____, personally appeared:

NAME	ID NOS	VALIDITY PERIOD
EDGARDO L. AQUINO		
ENGR. MIGNON CECILLE M. MANGOBA		
MA. AGNES P. NUESTRO, PhD		
ARMINA B PUGAY		

known to me to be the same persons who executed the foregoing instrument and they acknowledged to me that the same is their free and voluntary act and deed, and that of the institution they respectively represent.

This Amendatory Agreement consisting of seven (7) pages including this page where the acknowledgement is written, has been signed by the parties and their witnesses in each and every page hereof.

WITNESS MY HAND AND SEAL on the day, month, year and place herein above written.

Doc. No. 15
Page No. 5
Book No. I-XIII
Series of 2025.

ATTY. JOSE A. MENDOZA
Notary Public
Until December 31, 2026
IBP No. 481360
Roll No. 23947
PTR No. 8481313
MCLE Exemption No. VII-JACC1004287

Figure 19. Memorandum of Agreement (MOA) for ARDAN's Technology Transfer to ALS

6.1.4 TechBridge program photo documentation

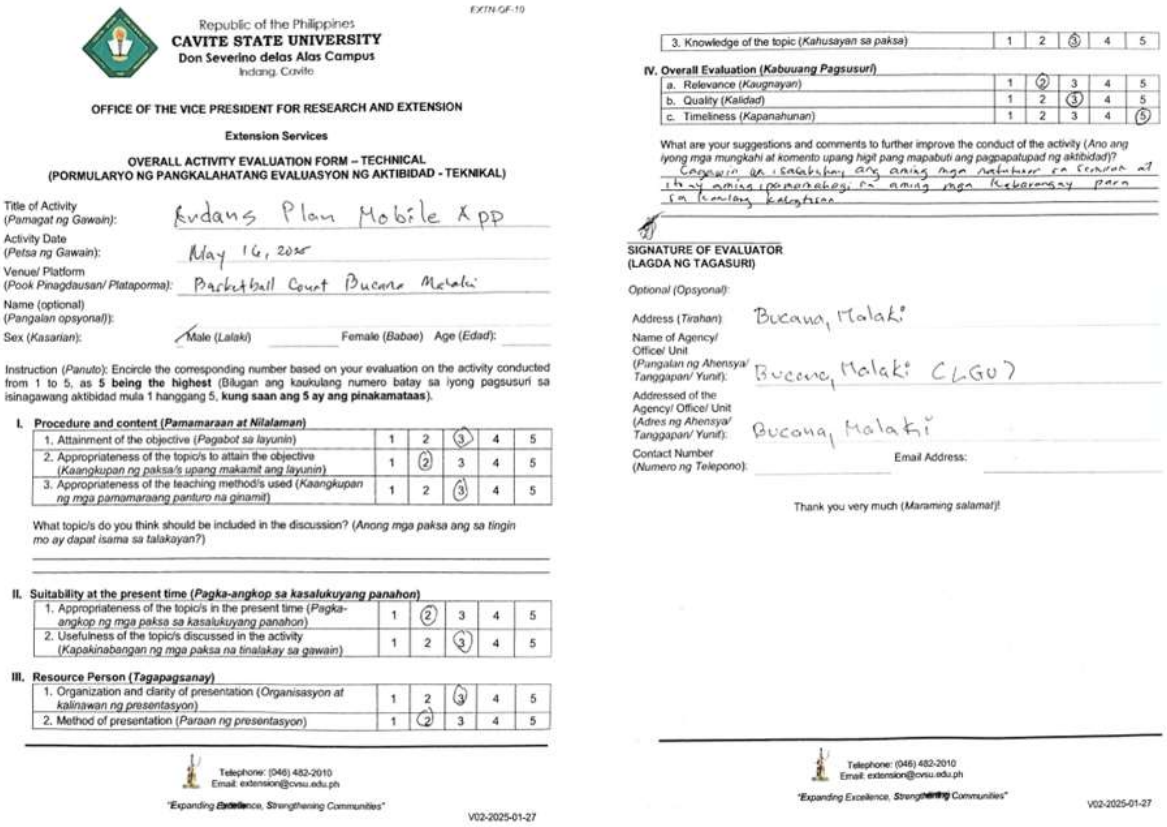
Figure 20. Propose the TechBridge Program at CvSU Main Campus last February 24, 2025

Figure 21. Photo documentation of ARDAN's Technology Transfer at Bucana Malaki, Naic, Cavite

Figure 22. Photo documentation of ARDAN's Technology Transfer with integration of basic life support and maneuver training

Figure 23. Photo documentation of ARDAN's Technology Transfer at ALS

6.1.5 Project Evaluation



EXTN-QF-10

Republic of the Philippines
CAVITE STATE UNIVERSITY
Don Severino delas Alas Campus
Indang, Cavite

OFFICE OF THE VICE PRESIDENT FOR RESEARCH AND EXTENSION

Extension Services

OVERALL ACTIVITY EVALUATION FORM – TECHNICAL
(PORMULARYO NG PANGKALAHATANG EVALUASYON NG AKTIBIDAD - TEKNIKAL)

Title of Activity (*Pamagat ng Gawain*): Ardans Plan Mobile App
Activity Date (*Petsa ng Gawain*): May 16, 2025
Venue/ Platform (*Pook Pinagdausan/ Plataporma*): Barbetball Court Bucana Malaki
Name (optional) (*Pangalan opsyonal*):
Sex (*Kasarian*): ✓ Male (*Lalaki*) Female (*Babae*) Age (*Edad*):

Instruction (*Panuto*): Encircle the corresponding number based on your evaluation on the activity conducted from 1 to 5, as **5 being the highest** (Bilugan ang kaukulang numero batay sa iyong pagsusuri sa isinagawang aktibidad mula 1 hanggang 5, **kung saan ang 5 ay ang pinakamataas**).

I. Procedure and content (*Pamamaraan at Nilalaman*)

1. Attainment of the objective (*Pagabot sa layunin*)	1	2	(3)	4	5
2. Appropriateness of the topic/s to attain the objective (*Kaangkupan ng paksa/s upang makamit ang layunin*)	1	(2)	3	4	5
3. Appropriateness of the teaching method/s used (*Kaangkupan ng mga pamamaraang panturo na ginamit*)	1	2	(3)	4	5

What topic/s do you think should be included in the discussion? (*Anong mga paksa ang sa tingin mo ay dapat isama sa talakayan?*)

II. Suitability at the present time (*Pagka-angkop sa kasalukuyang panahon*)

1. Appropriateness of the topic/s in the present time (*Pagka-angkop ng mga paksa sa kasalukuyang panahon*)	1	(2)	3	4	5
2. Usefulness of the topic/s discussed in the activity (*Kapakinabangan ng mga paksa na tinalakay sa gawain*)	1	2	(3)	4	5

III. Resource Person (*Tagapagsanay*)

1. Organization and clarity of presentation (*Organisasyon at kalinawan ng presentasyon*)	1	2	(3)	4	5
2. Method of presentation (*Paraan ng presentasyon*)	1	(2)	3	4	5
3. Knowledge of the topic (*Kahusayan sa paksa*)	1	2	(3)	4	5

IV. Overall Evaluation (*Kabuuang Pagsusuri*)

a. Relevance (*Kaugnayan*)	1	(2)	3	4	5
b. Quality (*Kalidad*)	1	2	(3)	4	5
c. Timeliness (*Kapanahunan*)	1	2	3	4	(5)

What are your suggestions and comments to further improve the conduct of the activity (*Ano ang iyong mga mungkahi at komento upang higit pang mapabuti ang pagpapatupad ng aktibidad*)?
Dagdagin pa isasabahay ang aming mga Aralunan sa Ardans at ito ay aming ipamamahagi sa aming mga Kabarangay para sa kanilang kaalaman

SIGNATURE OF EVALUATOR
(LAGDA NG TAGASURI)

Optional (Opsyonal):
Address (*Tirahan*): Bucana, Malaki
Name of Agency/ Office/ Unit (*Pangalan ng Ahensya/ Tanggapan/ Yunit*): Bucana, Malaki CLGU
Addressed of the Agency/ Office/ Unit (*Adres ng Ahensya/ Tanggapan/ Yunit*): Bucana, Malaki
Contact Number (*Numero ng Telepono*): Email Address:

Thank you very much (*Maraming salamat*)!

Telephone: (046) 482-2010
Email: extension@cvsu.edu.ph
"Expanding Excellence, Strengthening Communities"
V02-2025-01-27

Figure 24. Project evaluation of ARDAN's technology transfer happened in Bucana Malaki Naic, Cavite

Republic of the Philippines
CAVITE STATE UNIVERSITY
Don Severino delas Alas Campus
Indang, Cavite

OFFICE OF THE VICE PRESIDENT FOR RESEARCH AND EXTENSION
Extension Services

TECHNICAL ADVISORY SERVICES EVALUATION FORM
(FORMULARYO NG PAGSUSURI PARA SA MGA TEKNIKAL NA SERBISYONG PAYO)

Name (Pangalan):
Sex (Kasarian): Male (Lalaki) Female (Babae) Age (Edad):
Address (Tirahan):
Agency/Office/Unit (Ahensya/Tanggapan/Yunit):
Position/Designation (Posisyon/Itinalagang Titulo):
Contact Number (Numero ng Kontak): Email Address (Adres ng Email):

I. **Advisory Services Details** (Detalye ng Serbisyo na Natipay)

Date (Petsa):
Venue (Lugar):
Name of Persons to be evaluated (Pangalan ng taong mamalasahan):
1.
2.
Services Provided (Serbisyong natipay):
1.
2.

II. **Assessment** (Pagtatasa)

Instruction (Panuto): Check the corresponding number based on your evaluation on the services provided (Lagyan ng tsek ang nararapat na bilang ayon sa iyong pagsusuri sa kalidad/pamamaraan ng serbisyong natanggap).

A. Quality (Kalidad)

1 Poor (Di-magandang)	2 Fair (Katamtaman)	3 Good (Magandang)	4 Very Good (Napakagandang)	5 Excellent (Pinakamahusay)

B. Relevance (Kaugnayan)

1 Not relevant (Hindi Mahalaga)	2 Slightly Relevant (Kaunting Mahalaga)	3 Moderately Relevant (Katamtamang Mahalaga)	4 Relevant (Mahalaga)	5 Very Relevant (Lubos na Mahalaga)

C. Timeliness (Kapanahunan)

1 Not Timely (Hindi Napapanahon)	2 Slightly Timely (Kaunting Napapanahon)	3 Moderately Timely (Katamtamang Napapanahon)	4 Timely (Napapanahon)	5 Very timely (Lubos na Napapanahon)

D. Overall satisfaction feedback to the experts (pangkalahatang puna sa eksperto)

1 Strongly Dissatisfied (Labis na Hindi Masiyahan)	2 Dissatisfied (Hindi Masiyahan)	3 Somewhat Satisfied (Bahagyang Masiyahan)	4 Satisfied (Masiyahan)	5 Strongly Satisfied (Labis na Masiyahan)

Other comments / suggestions (Iba pang mga Komento / mungkahi):

Thank you very much (Maraming salamat)

Telephone: (046) 862-3210
Email: extension@cvsu.edu.ph

"Excelling Excellence, Strengthening Communities"

VM-QSF-01-07

Figure 25. Project evaluation of ARDAN's technology transfer With integration of Basic Life Support and Maneuver Training

6.2 SiKTeK extension program

The Salin Impormasyon at Kaalaman sa Teknolohiya ng Kompyuter (SIKTeK) program has made significant strides in advancing IT literacy and bridging the digital divide in marginalized communities. Through its targeted training initiatives, active knowledge-sharing, and sustained support, the program has empowered educators and students to harness the power of technology for personal and professional growth. Fostering digital inclusion, the program not only transformed lives but also laid the foundation for a more equitable and connected society. As it continues to evolve, SIKTeK promises to be a beacon of hope and progress in the ongoing journey toward a digitally inclusive future.

6.2.1 SiKTeK extension program approval

Republic of the Philippines
CAVITE STATEUNIVERSITY
NAIC CAMPUS
(Formerly Cavite College of Fisheries)
Bucana Malaki, Naic, Cavite
www. cvsu-naic.edu.ph

July 2, 2024

DR. LEAH C. NAVARRO
Campus Administrator
This Campus

THRU CHANNEL:

Dear Maam:

A greeting of peace! This is to inform you that the approved extension project entitled ***Salin Inpormasyon at Kaalaman sa Teknolohlya ng Kompyuter (SIKTeK)*** in 2019 initiated by the Information Technology Department has also been approved for the extension of project duration until February 2025 with the letter dated February 26, 2024. Dr. Rossian V. Perea holds the designation as a Project Leader from November 2022 until July 2024 which Prof. Sherrlyn M. Rasdas vacated during her study leave.

In line with this, due to some changes in the roles and responsibilities of the ITD extensionist, I would like to properly endorse Prof. Sherrlyn Rasdas as a new Project Leader from August 2024 until the termination of the SIKTEK project until February 2025. Also, we kindly request your approval for the old and updated organizational staffing plan of the project for the academic years 2023-2024 and 2024-2025.

Sincere thanks in anticipation of your consideration regarding this matter.

Truly Yours,

JEFFREY P. PAPA
Extension Coordinator

Noted:

EMELITA N. STO. TOMAS
Head, Extension Unit

Recommending:

ARMINA B. PUGAY
Director, Research Development and Extension Services

Approved:

LEAH C. NAVARRO, EdD
Campus Administrator

Figure 26. Approved extension project duration of SiKTeK

(See Siktek Project Staffing.pdf:

https://drive.google.com/drive/folders/17RyyRACpWTQvLFg0ASgVZ-s9QvyMkI4R?usp=sharing)

6.2.2 SiKTeK Memorandum of Agreements (MOAs)

Republic of the Philippines
CAVITE STATE UNIVERSITYNAIC
VITE COLLEGE OF FISHERIES)
Bucana Malaki, Naic, Cavite
www.cvsu-naic.edu.ph

MEMORANDUM OF AGREEMENT

KNOWN ALL MEN BY THESE PRESENTS:

This **MEMORANDUM OF AGREEMENT** is

The **CAVITE STATE UNIVERSITY NAIC**, and existing under and by virtue of the laws of th address at Bucana Malaki, Naic, Cavite, represen **JOHN XAVIER B. NEPOMUCENO**

-and-

Department of Education – Alternative at Trece Martires City, Cavite represented b Municipality of Tanza **DR. MA. JOVY P. LEG** Education Program Specialist II – ALS who is hereinafter referred to as **"DepEd – ALS."**

WITNESSETH:

WHEREAS, CvSU Naic, as a higher educ extension work;

WHEREAS, CvSU Naic, through its In Research, Development and Extension Servic software termed as **"ARDAN'S PLAN": Mobile in Cavite;**

WHEREAS, CvSU Naic is implementing *Inpormasyon at Kaalaman sa Teknolohiya ng K* abovementioned computer software.

WHEREAS, CvSU Naic is willing to transf

WHEREAS, DepEd - ALS, is willing to co in the implementation of "Technology Transfer."

NOW THEREFORE, for and in conside considerations, the parties here to agree and to a

a. **CVSU Naic shall:**

1. Transfer the Technology to Recipient a

Republic of the Philippines
CAVITE STATE UNIVERSITYNAIC
VITE COLLEGE OF FISHERIES)
Bucana Malaki, Naic, Cavite
www.cvsu-naic.edu.ph

IN WITNESS THEREOF, the parties through their daily authorized representatives hereinto affix their signature this_____ day of DEC 2 0 2022, 2022 at Naic, Cavite.

RECIPIENT

DEPARTMENT OF EDUCATION CAVITE PROVINCE ALTERNATIVE LEARNING SYSTEM

MA JOVY LEGASPI, Ed.D
Public District Supervisor

DIONITO F. MANGAO JR
Education Program Specialist II – ALS

Date

UNIVERSITY

JOHN XAVIER B NEPOMUCENO
Campus Administrator
Cavite State University Naic

Date

SIGNED IN THE PRESENCE OF:

ADONNA A. RAVAGO, Ph.D
Principal II – Punta Elementary School

HANNA MAE U. CABIFIN
District ALS Coordinator - TANZA

Date

ARMINA B. PUGAY
Director, RDES
Cavite State University Naic

SHERRLYN M. RASDAS
Project Leader, SIKTeK
Cavite State University Naic

Date

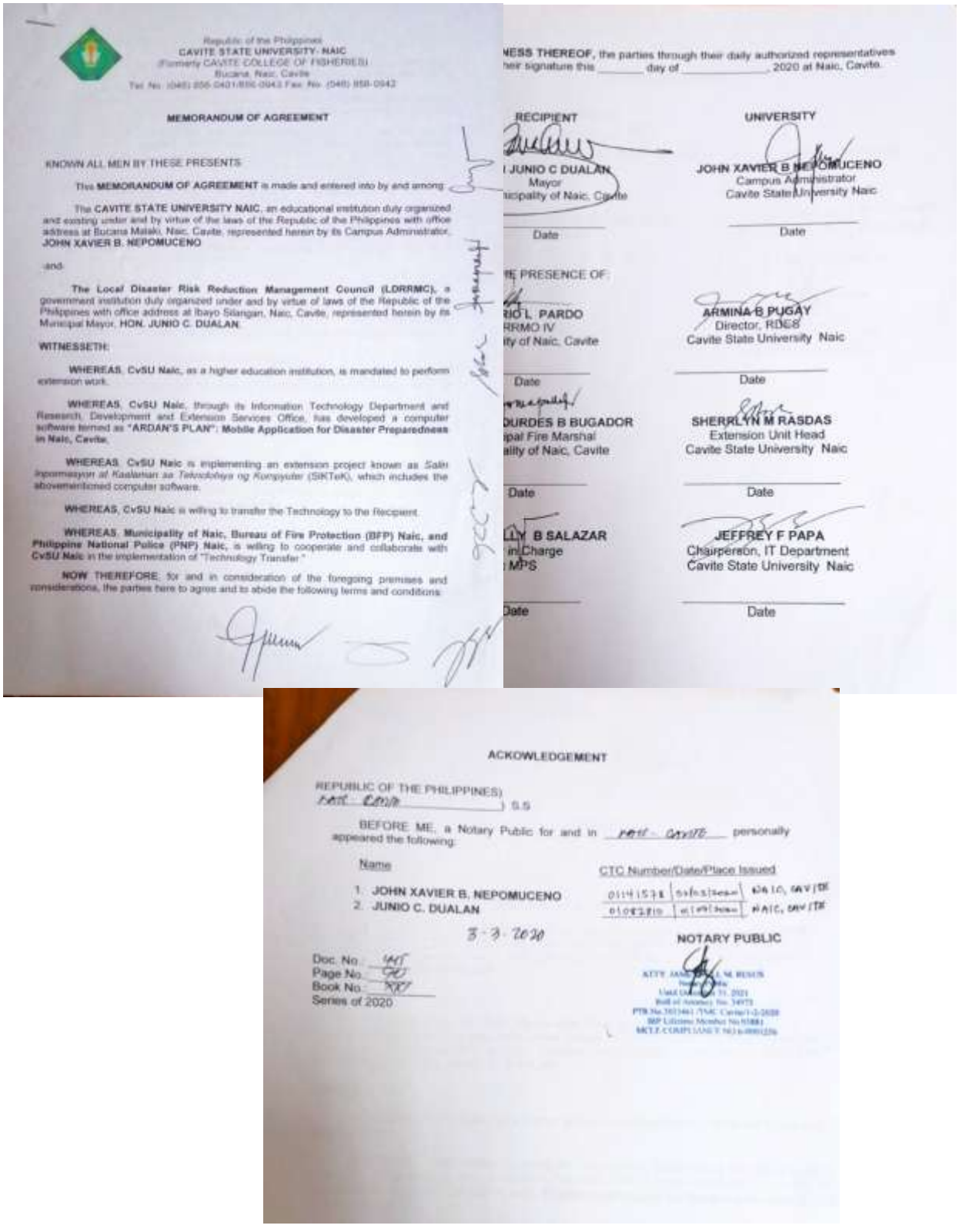
SUBSCRIBED AND SWORN TO before me this DEC 2 0 2022 ... City by ... exhibited ... as proof of identity.

Doc. No. 194
Page No. 39
Book No. 185
Series of 2022

Notary Public
Until December 31, 2022
PTR No. CAV 5499393 01.03.2022
ISP No. 177616 02.09.2022
ATTORNEY'S ROLL No. 45012
MCLE CC No. VI-0022350-04.14.22
10 TRECE INDANG ROAD, LUCIANO
TRECE MARTIRES CITY

Figure 27. Memorandum of Agreement (MOA) for ARDAN's Technology Transfer to ALS

(See Memorandum of Agreement for SIKTEK.docx: https://drive.google.com/drive/folders/17RyyRACpWTQvLFg0ASgVZ-s9QvyMkI4R?usp=sharing)



Republic of the Philippines
CAVITE STATE UNIVERSITY- NAIC
(Formerly CAVITE COLLEGE OF FISHERIES)
Bucana, Naic, Cavite
Tel. No. (046) 858-0401/858-0943 Fax. No. (046) 858-0942

MEMORANDUM OF AGREEMENT

KNOWN ALL MEN BY THESE PRESENTS

This **MEMORANDUM OF AGREEMENT** is made and entered into by and among:

The **CAVITE STATE UNIVERSITY NAIC**, an educational institution duly organized and existing under and by virtue of the laws of the Republic of the Philippines with office address at Bucana Malaki, Naic, Cavite, represented herein by its Campus Administrator, **JOHN XAVIER B. NEPOMUCENO**

and

The Local Disaster Risk Reduction Management Council (LDRRMC), a government institution duly organized under and by virtue of laws of the Republic of the Philippines with office address at Ibayo Silangan, Naic, Cavite, represented herein by its Municipal Mayor, **HON. JUNIO C. DUALAN**.

WITNESSETH:

WHEREAS, **CvSU Naic**, as a higher education institution, is mandated to perform extension work.

WHEREAS, **CvSU Naic**, through its Information Technology Department and Research, Development and Extension Services Office, has developed a computer software termed as **"ARDAN'S PLAN": Mobile Application for Disaster Preparedness in Naic, Cavite.**

WHEREAS, **CvSU Naic** is implementing an extension project known as *Salin Inpormasyon at Kaalaman sa Tekoloheya ng Kompyuter* (SIKTeK), which includes the abovementioned computer software.

WHEREAS, **CvSU Naic** is willing to transfer the Technology to the Recipient.

WHEREAS, **Municipality of Naic, Bureau of Fire Protection (BFP) Naic, and Philippine National Police (PNP) Naic**, is willing to cooperate and collaborate with **CvSU Naic** in the implementation of "Technology Transfer."

NOW THEREFORE, for and in consideration of the foregoing premises and considerations, the parties here to agree and to abide the following terms and conditions:

...NESS THEREOF, the parties through their daily authorized representatives ...heir signature this _____ day of _____, 2020 at Naic, Cavite.

RECIPIENT	UNIVERSITY
...I JUNIO C DUALAN Mayor ...icipality of Naic, Cavite	JOHN XAVIER B NEPOMUCENO Campus Administrator Cavite State University Naic
Date	Date

...E PRESENCE OF:

...RIO L. PARDO ...RRMO IV ...ity of Naic, Cavite	ARMINA B PUGAY Director, RDES Cavite State University Naic
Date	Date
...DURDES B BUGADOR ...ipal Fire Marshal ...ality of Naic, Cavite	SHERRLYN M RASDAS Extension Unit Head Cavite State University Naic
Date	Date
...LLY B SALAZAR ...in Charge ...MPS	JEFFREY F PAPA Chairperson, IT Department Cavite State University Naic
Date	Date

ACKOWLEDGEMENT

REPUBLIC OF THE PHILIPPINES)
NAIC, CAVITE) S.S

BEFORE ME, a Notary Public for and in NAIC - CAVITE personally appeared the following:

Name	CTC Number/Date/Place Issued
1. JOHN XAVIER B. NEPOMUCENO	01141578 | 01/03/2020 | NAIC, CAVITE
2. JUNIO C. DUALAN	01082810 | 01/09/2020 | NAIC, CAVITE

3-3-2020

NOTARY PUBLIC

Doc. No. 145
Page No. 90
Book No. XXI
Series of 2020

Figure 28. Memorandum of Agreement (MOA) for CvSU Naic and LDRRMC

6.2.3 SiKTeK Photo documentation

Figure 29. Photo documentation for SiKTeK at DepEd ALS

In order to show faculty and student involvement, the Monitoring and evaluation of ARDANs with BFP, MDRRMO, and PNP held on May 18, 2023.

Figure 30. ARDANs technology transfer with BFP, MDRRMO, and PNP

6.3 Project Zero extension project

Environmental Program Officers and Project leader Prof. Emelita Sto. Tomas conducted a consultation meeting with student leaders and office personnel. Office of the Students Affairs and Services (OSAS). Discussion and planning on Zero Waste Management in the campus and nearby coastal barangays were tackled and consulted during the meeting last July 03, 2019 at OSAS.

6.3.1 Zero Waste activity proposal

EXTN-GF-09

Republic of the Philippines
CAVITE STATE UNIVERSITY NAIC
(Formerly Cavite College of Fisheries)
Bucana, Naic, Cavite
Tel. No. (046) 956-0401/936-0043/507-9530 Fax. No. (046) 856-0042
info@cvsu-naic.edu.ph / http://www.cvsu-naic.edu.ph

SEMINAR/TRAINING PROPOSAL

I. **Seminar/Training Proposal Format**

A. Training/Seminar Title:	Awareness Seminar for University Students: "Zero Waste for Sustainable Campus and Communities: Integrating Gender and Development, Innovation, and Digitalization"
B. Proponent:	Gender and Development Office Management Department Officers Fisheries and Aquatic Sciences Department Research, Development, and Extension Services (RDES)
C. Participants:	CvSU Naic Students
D. Venue:	TBA
E. Duration:	Half Day
F. Proposed Date:	December 1, 2023
G. Proposed Budget:	**PHP 67,350.00**

II. **Rationale**

The concept of "Zero Waste" is integral to achieving sustainable development goals and reducing the environmental footprint of our communities. University students are the future leaders and change-makers, and it is crucial to educate them about the significance of zero waste, and its intersections with gender and development, innovation, and digitalization. This seminar aims to promote awareness, critical thinking, and actionable steps towards a sustainable campus and community.

Figure 31. Approved activity proposal of the zero waste extension project

6.3.2 Zero Waste approved Memorandum of Agreement (MOA)

The memorandum of the campus wide monthly clean-up drive was approved and posted by the OSAS last September 4, 2019. The activities will be participated by different students' organization of the campus together with students and faculty to participate and supervise the clean-up drive in the campus.

Republic of the Philippines
CAVITE STATE UNIVERSITY- NAIC
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Bucana, Naic, Cavite
Tel. Nos. (046) 858-0401/858-0943/697-9530 Fax. No. (046) 858-0942
Website: http://www.cvsu-naic.edu.ph

OFFICE OF STUDENT AFFAIRS AND SERVICES

Memo No. 9 s .2019

To: ALL TEACHERS CONCERNED

From: MICHELLE C. TAMEGA
Director,OSAS

Noted: JOHN XAVIER B. NEPOMUCENO
Campus Administrator

Subject: MONTHLY CLEAN-UP

Date: September 04, 2019

1. Please be informed that there will be a monthly clean-up drive in the premises of the campus to raise environmental awareness and to support the Project Zero (Zero Waste Management Program) of RDES Extension, OSAS, CSG and student leaders and it will be participated by the students and officers of various recognized students' organization. The schedule are as follows:

Name of Department/Organization	Date
ITD/ICTSO/CSG/Sea Titans Pep Squad	September 19, 2019
FMSD/Bread/FSS/CBI/ROTC/STEP's	September 26, 2019
MD/SMG/Musicavitenos/29:11	October 31, 2019
TED/YES/Bahag Subay/Anakalayag/TNW	November 28,2019

2. Your participation and cooperation is highly appreciated

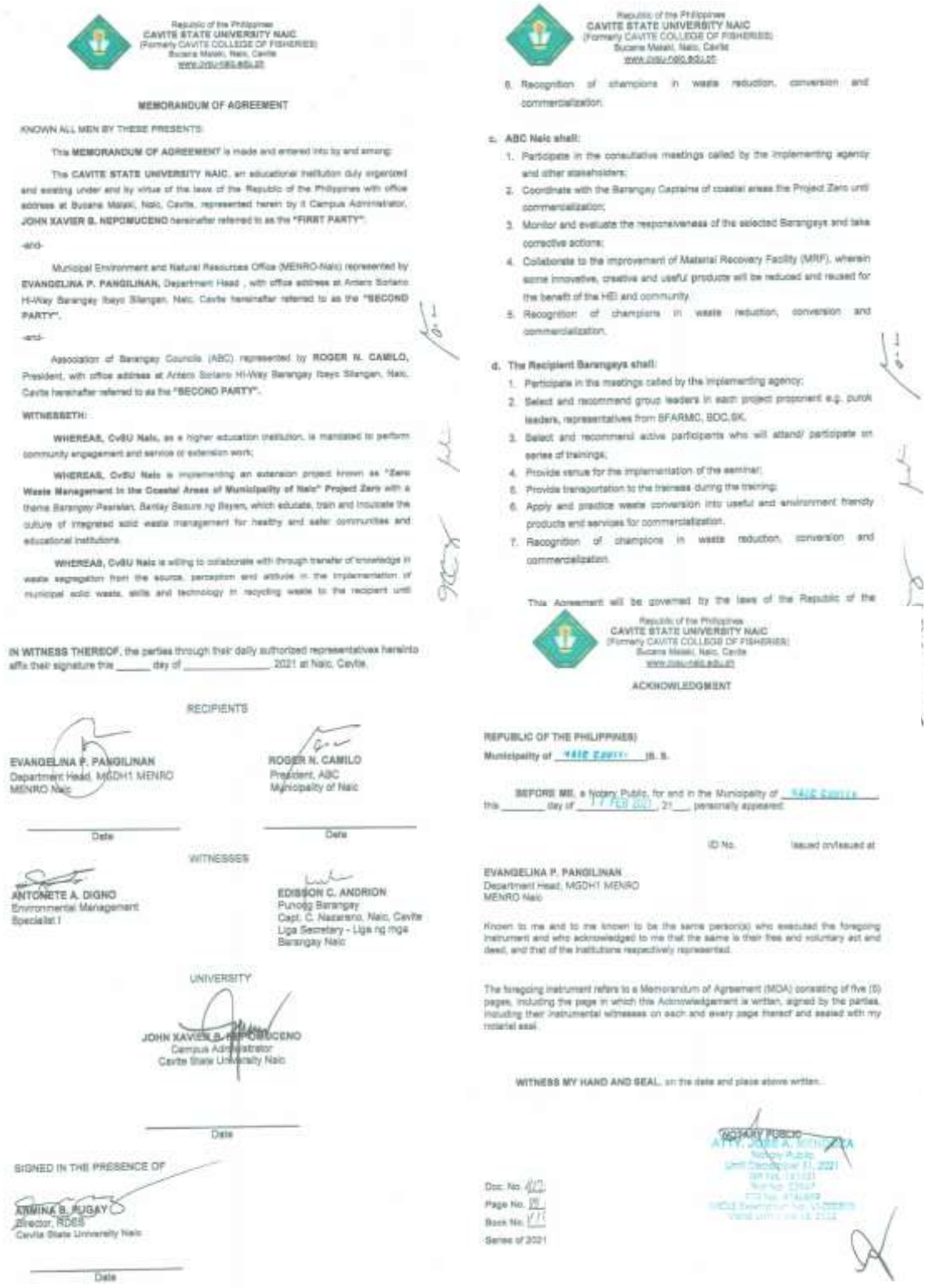
3. Thank you very much

Please attach the list of students for their

CvSu NAIC-RECORDS OFFICE
RECEIVED
BY:
DATE:
TIME:

Figure 32. Zero Waste approved memo for campus-wide clean-up drive

6.3.3 Project Zero Memorandum of Agreement (MOA)



Republic of the Philippines
CAVITE STATE UNIVERSITY NAIC
(Formerly CAVITE COLLEGE OF FISHERIES)
Sucana Maiaki, Naic, Cavite
www.cvsu-naic.edu.ph

MEMORANDUM OF AGREEMENT

KNOWN ALL MEN BY THESE PRESENTS:

This **MEMORANDUM OF AGREEMENT** is made and entered into by and among:

The **CAVITE STATE UNIVERSITY NAIC**, an educational institution duly organized and existing under and by virtue of the laws of the Republic of the Philippines with office address at Sucana Maiaki, Naic, Cavite, represented herein by it Campus Administrator, **JOHN XAVIER S. NEPOMUCENO** hereinafter referred to as the **"FIRST PARTY"**;

-and-

Municipal Environment and Natural Resources Office (MENRO-Naic) represented by **EVANGELINA P. PANGILINAN,** Department Head , with office address at Antero Soriano Hi-Way Barangay Ibayo Silangan, Naic, Cavite hereinafter referred to as the **"SECOND PARTY"**;

-and-

Association of Barangay Councils (ABC) represented by **ROGER N. CAMILO,** President, with office address at Antero Soriano Hi-Way Barangay Ibayo Silangan, Naic, Cavite hereinafter referred to as the **"SECOND PARTY"**.

WITNESSETH:

WHEREAS, CvSU Naic, as a higher education institution, is mandated to perform community engagement and service or extension work;

WHEREAS, CvSU Naic is implementing an extension project known as **"Zero Waste Management in the Coastal Areas of Municipality of Naic" Project Zero** with a theme *Barangay Pearlan, Bantay Basura ng Bayan*, which educate, train and inculcate the culture of integrated solid waste management for healthy and safer communities and educational institutions.

WHEREAS, CvSU Naic is willing to collaborate with through transfer of knowledge in waste segregation from the source, perception and attitude in the implementation of municipal solid waste, skills and technology in recycling waste to the recipient until

IN WITNESS THEREOF, the parties through their duly authorized representatives hereinto affix their signature this _____ day of _____ 2021 at Naic, Cavite.

RECIPIENTS

EVANGELINA P. PANGILINAN
Department Head, MGDH1 MENRO
MENRO Naic

Date

ROGER N. CAMILO
President, ABC
Municipality of Naic

Date

WITNESSES

ANTONETE A. DIGNO
Environmental Management
Specialist I

EDISSON C. ANDRION
Punong Barangay
Capt. C. Nazareno, Naic, Cavite
Liga Secretary - Liga ng mga
Barangay Naic

UNIVERSITY

JOHN XAVIER S. NEPOMUCENO
Campus Administrator
Cavite State University Naic

Date

SIGNED IN THE PRESENCE OF

ANNINA S. RUGAY
Director, RDES
Cavite State University Naic

Date

Republic of the Philippines
CAVITE STATE UNIVERSITY NAIC
(Formerly CAVITE COLLEGE OF FISHERIES)
Sucana Maiaki, Naic, Cavite
www.cvsu-naic.edu.ph

6. Recognition of champions in waste reduction, conversion and commercialization.

c. **ABC Naic shall:**
1. Participate in the consultative meetings called by the implementing agency and other stakeholders;
2. Coordinate with the Barangay Captains of coastal areas the Project Zero until commercialization;
3. Monitor and evaluate the responsiveness of the selected Barangays and take corrective actions;
4. Collaborate to the improvement of Material Recovery Facility (MRF), wherein some innovative, creative and useful products will be reduced and reused for the benefit of the HEI and community
5. Recognition of champions in waste reduction, conversion and commercialization.

d. **The Recipient Barangays shall:**
1. Participate in the meetings called by the implementing agency;
2. Select and recommend group leaders in each project proponent e.g. purok leaders, representatives from BFARMC, BDC, BK.
3. Select and recommend active participants who will attend/ participate on series of trainings;
4. Provide venue for the implementation of the seminar;
5. Provide transportation to the trainees during the training;
6. Apply and practice waste conversion into useful and environment friendly products and services for commercialization.
7. Recognition of champions in waste reduction, conversion and commercialization.

This Agreement will be governed by the laws of the Republic of the

Republic of the Philippines
CAVITE STATE UNIVERSITY NAIC
(Formerly CAVITE COLLEGE OF FISHERIES)
Sucana Maiaki, Naic, Cavite
www.cvsu-naic.edu.ph

ACKNOWLEDGMENT

REPUBLIC OF THE PHILIPPINES)
Municipality of _____ **)S. S.**

BEFORE ME, a Notary Public, for and in the Municipality of _____ this _____ day of 17 FEB 2021, 21___ personally appeared:

ID No. Issued on/issued at

EVANGELINA P. PANGILINAN
Department Head, MGDH1 MENRO
MENRO Naic

Known to me and to me known to be the same person(s) who executed the foregoing instrument and who acknowledged to me that the same is their free and voluntary act and deed, and that of the institutions respectively represented.

The foregoing instrument refers to a Memorandum of Agreement (MOA) consisting of five (5) pages, including the page in which this Acknowledgement is written, signed by the parties, including their instrumental witnesses on each and every page thereof and sealed with my notarial seal.

WITNESS MY HAND AND SEAL, on the date and place above written.

NOTARY PUBLIC
ATTY. JAMES A. SORIANO
Notary Public
Until December 31, 2021
PTR No. 1811031
Roll No. 63547
IBP No. 974449
MCLE Exemption No. VI-0008976
Valid until Feb 14, 2024

Doc. No. 407
Page No. 82
Book No. VII
Series of 2021

Figure 33. Project Zero Memorandum of Agreement (MOA)

6.3.4 Project Zero project photo documentation

Figure 34. Project Zero orientation program

6.4 ICT-AGMAS extension project

ICT-Based Growth Management System for Mud Crabs (ICT-AGMAS) is a research and extension project of one of BSCS professor Dr. Rossian V. Perea.

6.4.1 ICT-AGMAS Memorandum of Agreement (MOA)

MEMORANDUM OF AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

This **MEMORANDUM OF AGREEMENT** entered into by and between:

The **CAVITE STATE UNIVERSITY NAIC**, an educational institution duly organized and existing under and by virtue of the laws of the Republic of the Philippines with office address at **Bucana Malaki, Naic, Cavite** represented by **JOHN XAVIER B. NEPOMUCENO,** Campus Administrator hereinafter referred to as the **"FIRST PARTY**

- and -

The **LANSANGAN FARM**, with farm address at San JEFF BAHA, and rented and operated by **EMMANUEL R.** to as the **"SECOND PARTY"**, the farm co-operator.

- **WITNESSETH** -

WHEREAS, the **CvSU Naic**, as a higher institution work and is implementing a research project kno **Management System for Mud crabs (ICT- Evaluation"**;

WHEREAS, the **LANSANGAN FARM** is a legitima willing to collaborate in the implementation of the project

NOW THEREFORE, for and in consideration considerations, the parties hereinto agreed to jointly following considerations:

A. The CvSU Naic shall:

1. Conduct the research experiment on auton project knows as: **"ICT- Based Growth crabs (ICT-AGMAS): Deployment and**
2. Provide all equipment/materials/paraphern the research project, such as:
   a. the automated mud crab sampler devic
   b. a computer with transceiver and transn
   c. digital video recorder (DVR) and securit
   d. crab lift nets
   e. basin
   f. pail

ACKNOWLEDGEMENT

Republic of the Philippines)
City of NAIC, CAVITE)S.S.

BEFORE ME, a Notary Public for and in NAIC, CAVITE personally appeared the following:

Name	ID Number
1. **Prof. JOHN XAVIER B. NEPOMUCENO**	006-0128-4579-4
2. **EMMANUEL R. LANSANGAN**	C071386 76

Known to me and to me known to be the same persons who executed this Agreement for Technology Transfer by attesting to me that the same is their free and voluntary act and deed, and of the agencies/entities they presented.

WITNESS MY HAND AND SEAL on the date place first above-written, this FEB 06 2019 day of _____, 2019 at NAIC, CAVITE, Philippines.

ATTY. CRISAURO REGINALD M. ARANDIA
NOTARY PUBLIC
ATTORNEY'S ROLL NO. 42095
NOTARY PUBLIC
UNTIL DECEMBER 31, 2020
PTR NO.: CAV 0725375
ISSUED ON JANUARY 03, 2019
ISSUED AT NAIC, CAVITE
MCLE VI-0016970 VALID UNTIL 04/14/2022

Doc. No. 325
Page No. 66
Book No. XLII
Series of 2019

3

Figure 35. Memorandum of agreement in the ICT-AGMAS project

6.4.2 ICT-AGMAS project implementation

Republic of the Philippines
CAVITE STATE UNIVERSITY
Don Severino de las Alas Campus
Indang, Cavite
www.cvsu.edu.ph

OFFICE OF THE UNIVERSITY PRESIDENT

SPECIAL ORDER
NO. PHDR-9-K-18

To : **ALL CONCERNED**

From : **HERNANDO D. ROBLES, Ed. D.**
President

Subject : **RESEARCH PROJECT IMPLEMENTATION**

Date : June 10, 2018

---

1. The following are hereby designated to conduct the research project entitled, **"ICT-Assisted Growth Management System for Mud Crabs (ICT-AGMAS): Deployment and Evaluation"** from **June 2018 – May 2020**. The project is provided with an allocation of **P177,000.00** through the **CvSU Research Grant.**

Name	Designation	Conforme
Rossian V. Perea	Project Leader	
Jesus Paolo B. Cullado	Co-Project Leader	
Dionito F. Mangao	Co-Project Leader	
Joel C. Credito	Co-Project Leader	

2. This designation is in addition to your regular and official functions and does not entail any additional/extra remuneration except those that previously allowed and may be allowed in the future.

3. Your terms of reference (TOR) are as follows:

   a. Meet the objectives of your research as specified in the approved proposal;
   b. Submit quarterly reports on time immediately on the fourth month from the beginning of the research and every four months thereafter;
   c. Submit annual report on time for projects lasting more than one year specifically on the 13th month from the beginning of the research;

Figure 36. ICT-AGMAS project implementation signed by university president

6.4.3 Certificate of utilization

CERTIFICATE OF UTILIZATION
From AUGUST 2018 to JUNE 2020

This is certified that the study titled **ICT-Assisted Growth Management System (ICT-AGMAS) for Mud crabs: Deployment and Evaluation** with CvSU Research Grant Contract dated October 9, 2018, with two-year project duration from June 2018 to May 2020, and with a total budget of Php 177,000.00 have been utilized for the project as per the terms and conditions mentioned in the contract. The ICT-AGMAS research project has been deployed at Lansangan Farm located at Barangay San Juan I, Ternate, Cavite, and has been evaluated according to its purpose.

Certified:

EMMANUEL R. LANSANGAN
Pond owner

Figure 37. ICT-AGMAS certificate of utilization

Figure 38. Project Zero cleanup drive

6.5 Project Evaluation

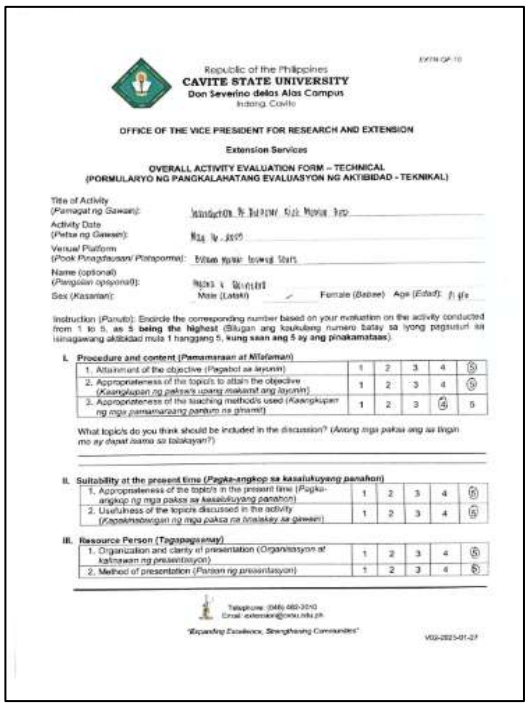
Project performance is evaluated through surveys and focus group feedback, with final reports submitted to the CvSU Extension Services Office and RDES Office with measurable outcomes.

PROGRESS REPORT

CAVITE STATE UNIVERSITY
Don Severino de las Alas Campus

NAIC

Accomplishment Report

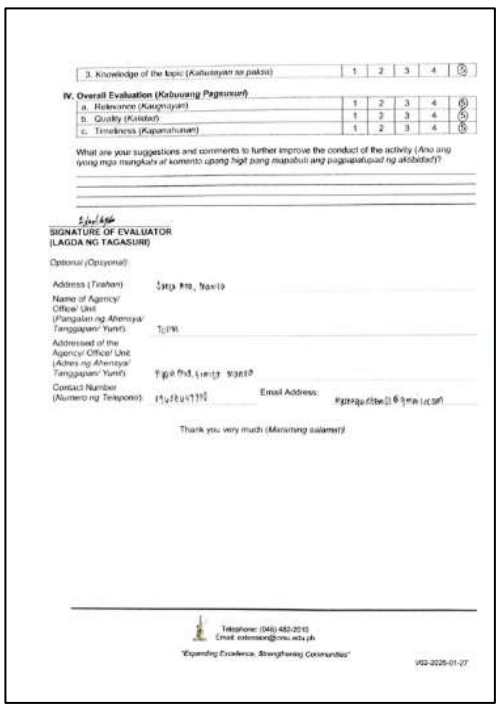


Republic of the Philippines
CAVITE STATE UNIVERSITY
Don Severino delas Alas Campus
Indang, Cavite

OFFICE OF THE VICE PRESIDENT FOR RESEARCH AND EXTENSION

Extension Services

OVERALL ACTIVITY EVALUATION FORM – TECHNICAL
(PORMULARYO NG PANGKALAHATANG EVALUASYON NG AKTIBIDAD - TEKNIKAL)

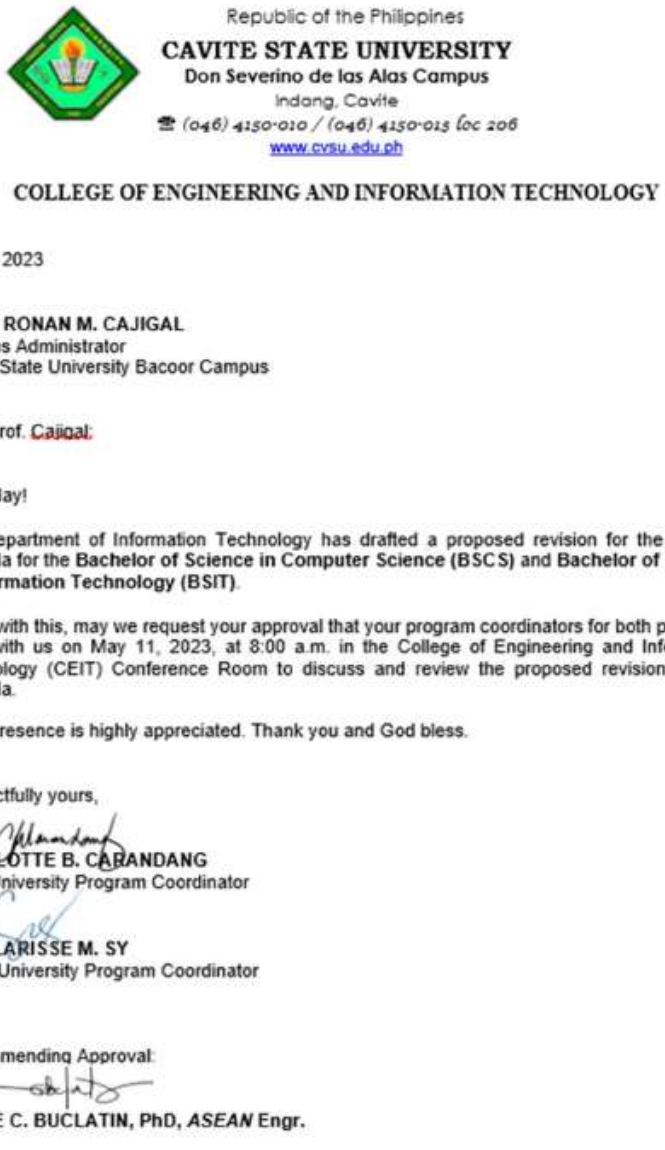


SIGNATURE OF EVALUATOR
(LAGDA NG TAGASURI)

2. Adequate and Relevant Projects/Activities to Achieve Objectives

To achieve its linkage objectives, the BSCS program of the Information Technology department implements a variety of relevant and purposeful projects and activities:

2.1 Curriculum enhancement is supported through initiatives such as an annual Industry Curriculum Review Forum, where professionals and alumni provide insights to align course content with current technological trends.



Republic of the Philippines
CAVITE STATE UNIVERSITY
Don Severino de las Alas Campus
Indang, Cavite
(046) 4150-010 / (046) 4150-015 loc 206
www.cvsu.edu.ph

COLLEGE OF ENGINEERING AND INFORMATION TECHNOLOGY

May 4, 2023

PROF. RONAN M. CAJIGAL
Campus Administrator
Cavite State University Bacoor Campus

Dear Prof. Cajigal:

Good day!

The Department of Information Technology has drafted a proposed revision for the existing curricula for the **Bachelor of Science in Computer Science (BSCS)** and **Bachelor of Science in Information Technology (BSIT)**.

In line with this, may we request your approval that your program coordinators for both programs meet with us on May 11, 2023, at 8:00 a.m. in the College of Engineering and Information Technology (CEIT) Conference Room to discuss and review the proposed revisions in the curricula.

Their presence is highly appreciated. Thank you and God bless.

Respectfully yours,

CHARLOTTE B. CARANDANG
BSIT University Program Coordinator

RIA CLARISSE M. SY
BSCS University Program Coordinator

Recommending Approval:

WILLIE C. BUCLATIN, PhD, *ASEAN* Engr.
Dean

Figure 40. Invitation letter for curriculum enhancement

(*See 2023 05_11 BSITBSCS Curriculum Review Proceedings.pdf*

)

Republic of the Philippines
OFFICE OF THE PRESIDENT
COMMISSION ON HIGHER EDUCATION

OFFICIAL RELEASE
CHED Central Office
RECORDS SECTION
C.P. Garcia Ave., U.P. Diliman, Q.C.

CHED MEMORANDUM ORDER (CMO)
NO. 25 ;
Series of 2015

SUBJECT : REVISED POLICIES, STANDARDS, AND GUIDELINES FOR BACHELOR OF SCIENCE IN COMPUTER SCIENCE (BSCS), BACHELOR OF SCIENCE IN INFORMATION SYSTEMS (BSIS), AND BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (BSIT) PROGRAMS

In accordance with the pertinent provisions of Republic Act (RA) No. 7722, otherwise known as the "*Higher Education Act of 1994*," in pursuance of an outcomes-based quality assurance system as advocated under CMO 46 s. 2012, and by virtue of the Commission en banc Resolution No. 268-2015 dated May 25, 2015 the following policies, standards and guidelines (PSGs) are hereby adopted and promulgated by the Commission.

Figure 41. CMO

Figure 42. Photo documentation during curriculum review

2.2 Regular Tech Trends Lecture Series also bring in industry experts to discuss emerging fields such as artificial intelligence, cloud computing, and cybersecurity. To strengthen internship and OJT opportunities, the department organizes OJT Partnership Fairs to connect students with accredited companies and government agencies, alongside pre-internship readiness workshops that cover workplace ethics, communication, and professionalism.

Republic of the Philippines
CAVITE STATE UNIVERSITY
Naic Campus
Bucana Malaki, Naic, Cavite

Proposal Title : **Tech Expo 2025**: A Technology Research Exhibit Exploring Gender Empowerment through Digital Transformation

Proponent : Information Tec Communication Techno Science Student Org Development (GAD) O (OSAS) and Research D

I. RATIONALE

The Tech Expo 2025 aims to showcas Information Technology (BSIT) and Ba students from the Information Technol technology and digital transformation a a platform for students to exhibit their foster a deeper understanding of the rol and promoting inclusivity, while also development.

II. OBJECTIVES

1. To provide a platform for BS and capstone projects to a broa

2. To showcase how digita empowerment.

3. To promote the integration o field of technology.

4. To encourage students to en their technology solutions can p

III. MECHANICS OF IMPLEMENTATIO

A. Place and Duration.

- Venue: Aquabest Building/AVR, Cavite State University, Naic Campus
- Date and Time: June 10, 2025, from 8:00 AM to 5:00 PM

B. Participants.

- BSIT and BSCS students of the Information Technology Department
- Faculty members and invited evaluators
- IT and CS Student Organizations
- GAD representative
- Government official/office and potential industry partners

C. Budgetary Requirements. *(Note: Specify the item and amount to be charged to GAD Budget)*

ITEM	SOURCE	AMOUNT (P)
Food (85 PHP am snack for 30 pax)	GAD	2550
Guest Speaker (not affiliated with CvSU Naic)	GAD	*Subject to accounting rules and regulation
Prices	OSAS	6000
Posters and Contingency Fund	ICTSO & CSSO	8000
	Total	**16,550**

D. Program Flow

8:00 AM – 9:00 AM: Registration
9:00 AM – 9:30 AM: Doxology, National Anthem and Welcome Remarks
9:30 AM – 10:30 AM: Seminar on Technology Advancement with Gender and Development Perspectives
10:30 AM – 12:00 PM: Thesis and Capstone Presentations (Batch 1)
12:00 PM – 1:00 PM: Lunch Break
1:00 PM – 3:00 PM: Thesis and Capstone Presentations (Batch 2)
3:00 PM – 4:30 PM: Q&A
4:30 PM – 5:00 PM: Closing Remarks, Awarding of Certificates, CvSU Hym and March

Prepared by:

RICKY JAY A. RIEL, DIT
Research Coordinator, IT Department

Figure 45. Tech expo proposal

Republic of the Philippines
CAVITE STATE UNIVERSITY NAIC
(Formerly CAVITE COLLEGE OF FISHERIES)
Bucana, Naic, Cavite
www.cvsu-naic.edu.ph

CERTIFICATION

This is to certify that the budgetary requirement to cover the cost of expenses for the conduct of the Information Technology Department (ITD) training activity in collaboration with the Office of Student Affairs and Services (OSAS) and Gender and Development (GAD) Unit entitled **"Tech Expo 2025: A Technology Research Exhibit Exploring Gender Empowerment through Digital Transformation"** at the AquaBEST Building, CvSU Naic on June 10, 2025, amounting to **Twelve Thousand Five Hundred Sixty-Six Pesos and 49/100 (₱ 12,566.49)** is available for expenditure. The details of which are as follows:

EXPENSE ITEM	AMOUNT
Honoraria of Resource Person	4,016.49
Food during the training – to be charged to GAD Fund	2,550.00
Prizes – to be charged to OSAS Fund	6,000.00
Total Budget Requirements	**₱ 12,566.49**

Signature :
Printed Name: **MARIAN GRACE T. REYES**
Position : Accountant/Finance Unit Head
Date : 06/03/2025

Figure 46. Tech expo certification for budget requirements

(See Tech Expo 2025.pdf

https://drive.google.com/drive/folders/17RyyRACpWTQvLFg0ASgVZs9QvyMkI4R?usp=drive_link)

Figure 47. Tech expo photo documentation

(See Tech Expo 2025 photo documentation.pdf

https://drive.google.com/drive/folders/17RyyRACpWTQvLFg0ASgVZs9QvyMkl4R?usp=drive_link)

3. Systematic and Effective Procedures (Planning, Implementation, Monitoring, and Evaluation)

Cavite State University Naic is an ISO certified institution and along with this acknowledgement are the visions that the institute should have. The university strives for the continuous improvement of both product and services that they offer. To effectively achieve its function of establishing linkages, Cavite State University Naic follows a systematic procedure in formalizing a particular agreement with other institutions.

3.1 Procedure in Approval of Memorandum of Agreement

On procedure in the approval of memorandum of agreement or understanding (ICLO-QP-02), the Units of the University furnish a copy of the proposed Memorandum of Agreement/Understanding (MOA/MOU) or letter of intent (LOI) to the International and Local Collaborations and Linkages Office (ILCLO). The Units may directly forward the proposed MOA/MOU to the University President thru Legal Counsel for comments or review or the ILCLO will forward the proposed MOA/MOU in behalf of the unit involved. After the comments have been included in the revised document, the unit/ILCLO may request for the inclusion of the proposed MOA/MOU for presentation during the Administrative/Academic Council meeting for endorsement and subsequent approval of the Board of Regents (BOR). The proposed MOA/MOU will then be endorsed for review and approval of the BOR. Once approved, an excerpt from the BOR meeting related to this will be released to the unit/ILCLO. The version of the MOA/MOU approved by the BOR is ready for signing and implementation by the unit involved. The implementation of MOA will be periodically monitored and evaluated. There will be intervention, if needed, to ensure the continuous implementation of the said MOA.

Table 5. Procedure on the approval of Memorandum of Agreement (MOA)

Step	Procedure details
1	**Submission of copy/draft of MOU/MOA to ILCLO** All units shall submit the proposed MOU/MOA to ICLO together with the company profile of the possible linkage for evaluation.
2	**Review of the document by the Office of the President and the Legal Office** ILCLO will forward the proposed MOU/MOA in behalf of the proponent to the office of the University President and Legal Office for comments and review.
3	**Inclusion of legal comments** The legal office will forward the reviewed document to ILCLO, and the proponent will include all the legal comments in the document for the approval of their respective units.
4	**Presentation of the documents to the Administrative Council** After the comments have been included in the document and the approval of their respective units. ILCLO will request for the inclusion of the proposed MOU/MOA for presentation during the Administrative Council meeting for approval and subsequent endorsement to the Board of Regents (BOR).
5	**Presentation to and approval of the BOR** The proposed MOU/MOA will then be endorsed for review and approval of the BOR

(*See Procedure in Approval of Memorandum of Agreement.docx*
https://drive.google.com/drive/folders/17RyyRACpWTQvLFg0ASgVZ-s9QvyMkI4R?usp=sharing)

3.2 Student Internship

Bachelor of Science in Computer Science in Cavite State University Naic are required to conduct their on-the-job training. They need to comply on-the-job training activities for 240 hours. Figure below presents the process flow of student internship of Bachelor of Science in Computer Science students.

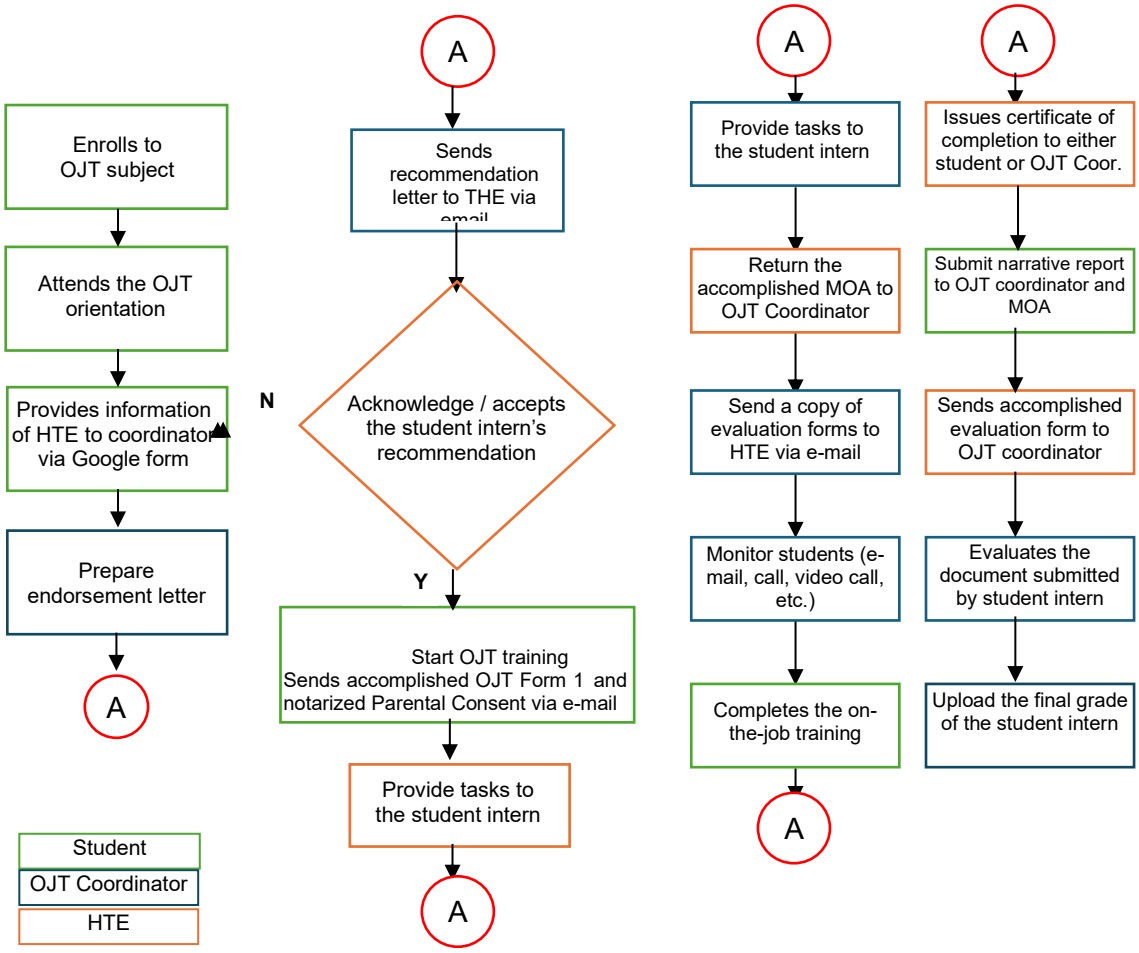


Figure 48. Flowchart of student internship of BSCS student in CvSU Naic

4. Reasonable Budget

Aligning financial management practices with its commitment to sustainable development, CvSU Naic ensured that every peso spent translated into meaningful outcomes for its beneficiaries. Figure 35-36 below shows the endorsement letter with its approved budget.

Republic of the Philippines
CAVITE STATE UNIVERSITY
Don Severino de las Alas Campus
Indang, Cavite
www.cvsu.edu.ph

967707350515
Ref. No.: A-250515-2820

OFFICE OF THE VICE PRESIDENT FOR RESEARCH AND EXTENSION

13 May 2025

DR. MA. AGNES P. NUESTRO
University President
This University

CAVITE STATE UNIVERSITY
Indang, Cavite Philippines
Administrative Services
Reference No.: A-250515-2820
Received By:
Date: 15 MAY 2025
(Pls. see the Ref. No. for Recording / Follow-up)

Dear Dr. Nuestro:

This is to officially endorse the approval of the Extension Program Proposal of the Naic Campus entitled "**TechBridge: Empowering Communities with IT Skills and Innovative Tools for Professional and Community Advancement**" under the Ugnayan 2.0 CvSU Poverty Alleviation Program. The above mentioned program aims to empower underserved educational communities, particularly ALS learners and educators, by enhancing their knowledge and skills in Information and Communication Technology (ICT), fostering digital literacy, disaster resilience, capacity lifelong learning, while ensuring gender equality and the empowerment of women and men alike in accessing these opportunities.

The office of Extension Services is also recommending the utilization of PhP 200,000.00 for the said Extension Project that will be charged to Naic Campus extension funds.

Furthermore, the project will be implemented for two years (June 2025 to July 2027).

Thank you very much for your usual support.

Very truly yours,

MELBOURNE R. TALACTAC, PhD
Vice President for Research and Extension

Approved by:

MA. AGNES P. NUESTRO, PhD
University President

OFFICE OF THE PRESIDENT
RECEIVED
JESSA
DATE: MAY 21 2025

Telephone: (046) 482-2010
Email: extension@cvsu.edu.ph

"Expanding Excellence, Strengthening Communities"

CAVITE STATE UNIVERSITY
FMSO

Figure 49. Endorsement Letter for the TechBridge program proposal page 1

Republic of the Philippines
CAVITE STATE UNIVERSITY
Don Severino de las Alas Campus
Indang, Cavite
www.cvsu.edu.ph

OFFICE OF THE VICE PRESIDENT FOR RESEARCH AND EXTENSION

Extension Services

13 May 2025

DR. MELBOURNE R. TALACTAC
OIC, Vice President for Research and Extension
This University

Dear Dr. Talactac:

Warm greetings from Extension Services!

This is to officially endorse to your office the Extension Project Proposal under the Ugnayan 2.0 CvSU Poverty Alleviation Program for your endorsement to the office of the University President:

COLLEGE / CAMPUS / UNIT	EXTENSION PROGRAM/PROJECT PROPOSAL TITLE	BUDGET (PhP)	DURATION	Remarks
NAIC CAMPUS	TechBridge: Empowering Communities with IT Skills and Innovative Tools for Professional and Community Advancement	200,000.00	June 2025 to July 2027	HGDG: CNA Report: M&E Plan: UREC Reviewer Evaluations:

Thank you very much for your usual support.

Respectfully yours,

JOSELITO F. ERSANDO
Head, Monitoring & Evaluation Division

Recommending Approval:

RACQUEL G. AGUSTIN
Director

Approved:

MELBOURNE R. TALACTAC, DVM, MS, PhD
Vice President for Research and Extension

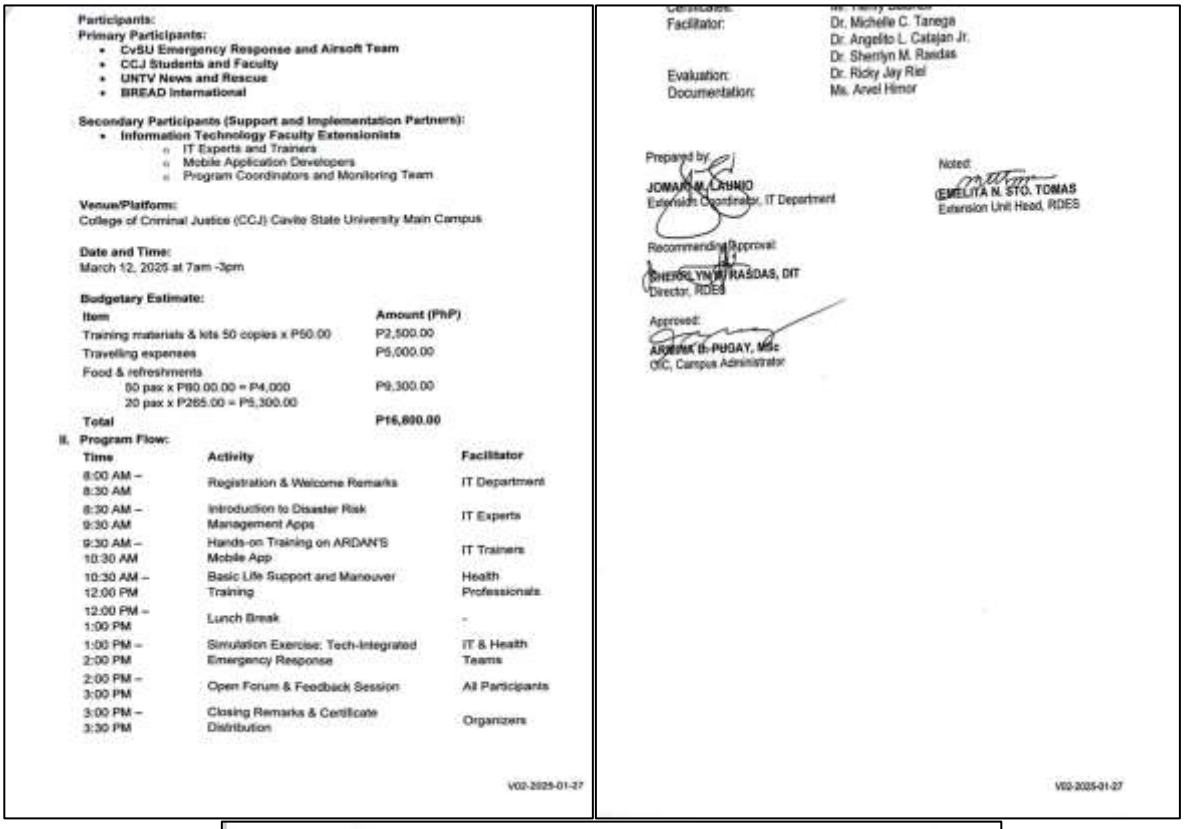
Telephone: (046) 482-2010
Email: extension@cvsu.edu.ph

"Expanding Excellence, Strengthening Communities"

Figure 50. Endorsement Letter for the TechBridge program proposal page 2

In addition, figure 37 shows an overview of the budget allocation and utilization for the year 2023

This financial summary not only reflects the university's dedication to fiscal responsibility but also serves as a foundation for planning and scaling future initiatives to sustain and amplify their impact.



Participants:
Primary Participants:
- **CvSU Emergency Response and Airsoft Team**
- **CCJ Students and Faculty**
- **UNTV News and Rescue**
- **BREAD International**

Secondary Participants (Support and Implementation Partners):
- **Information Technology Faculty Extensionists**
  - IT Experts and Trainers
  - Mobile Application Developers
  - Program Coordinators and Monitoring Team

Venue/Platform:
College of Criminal Justice (CCJ) Cavite State University Main Campus

Date and Time:
March 12, 2025 at 7am -3pm

Budgetary Estimate:

Item	Amount (PhP)
Training materials & kits 50 copies x P50.00	P2,500.00
Travelling expenses	P5,000.00
Food & refreshments 50 pax x P80.00.00 = P4,000 20 pax x P265.00 = P5,300.00	P9,300.00
Total	**P16,800.00**

II. **Program Flow:**

Time	Activity	Facilitator
8:00 AM – 8:30 AM	Registration & Welcome Remarks	IT Department
8:30 AM – 9:30 AM	Introduction to Disaster Risk Management Apps	IT Experts
9:30 AM – 10:30 AM	Hands-on Training on ARDAN'S Mobile App	IT Trainers
10:30 AM – 12:00 PM	Basic Life Support and Maneuver Training	Health Professionals
12:00 PM – 1:00 PM	Lunch Break	-
1:00 PM – 2:00 PM	Simulation Exercise: Tech-Integrated Emergency Response	IT & Health Teams
2:00 PM – 3:00 PM	Open Forum & Feedback Session	All Participants
3:00 PM – 3:30 PM	Closing Remarks & Certificate Distribution	Organizers

V02-2025-01-27

Facilitator: Dr. Michelle C. Tarega, Dr. Angelito L. Catajan Jr., Dr. Sherilyn M. Rasdas, Dr. Ricky Jay Riel
Evaluation: Ms. Arvel Himor
Documentation:

Prepared by:
JOMARI W. LAUNIO
Extension Coordinator, IT Department

Noted:
EMELITA N. STO. TOMAS
Extension Unit Head, RDES

Recommending Approval:
SHERILYN M. RASDAS, DIT
Director, RDES

Approved:
ARMINA B. PUGAY, MSc
OIC, Campus Administrator

V02-2025-01-27

Republic of the Philippines
CAVITE STATE UNIVERSITY
Don Severino de las Alas Campus
Indang, Cavite
www.cvsu.edu.ph

Budget Allocation and Utilization for Extension

Campus/College/Unit **NAIC**

YEAR	Approved Budget Allocation (PhP)	Budget Utilized (PhP)	Utilization Rate (%)
2023	675,000.00	264,376.00	39.17%

Prepared by:

EMELITA N. STO.TOMAS
Extension Coordinator

RICA MAE E. ESPINELI
Budget Officer

Figure 51. Budget allocation and utilization for the year 2023.

Table 6. Extension and program project with its accomplishments, and its budget allocation from 2019-2025

2020	**BATANGAN 2.0 Extension Program** Salin Impormasyon at Kaalaman sa Teknolohiya ng Kompyuter (SIKTeK) Zero Waste Management in the Coastal Areas of Naic, Cavite (Project Zero)	For smooth implementation of the SIKTEK Extension project, the faculty coordinates with the partner agencies for the schedule of relevant events of the extension projects through phone calls and letters. Consultative meetings with the partners were also scheduled and coordinated. Consultation with Prof. Marc Luigi Timola about updating the information in ARDANS app during the team meeting at the Office of Student Affairs Services March 05, 2020. Post-evaluation of the demonstration and consultative meeting activities. The project team of SIKTEK extension project during the consultative meeting with the District Supervisors, ICT Coordinator and ASP Coordinator at the Department of Education Naic District Office last March 05, 2020. Consultative meetings with the partners' agencies and demonstrations of the technology to be transferred were held to ensure the success of the extension projects. The meeting/planning of student leaders and Ma'am Tanega for the Calendar of activity of project Zero for 2nd sem 2019-2020 (February 10,2020). Prof. Sherrlyn M. Rasdas, Extension unit head, discussed the overview of the extension project "Project ZERO". The meeting was attended by student leaders and the Director of OSAS at the Office of Central Student Government (CSG) last November 12, 2020.	80,000.00
2021	**BATANGAN 2.0 Extension Program** Salin Impormasyon at Kaalaman sa Teknolohiya ng Kompyuter (SIKTeK) Zero Waste Management in the Coastal Areas of Naic, Cavite (Project Zero)	Continuous follow-up on the participants was conducted to complete the post-assessment survey The distribution of CD installer mobile applications to the partners agencies and gathering of data were done to ensure the effectiveness of the technology transferred Ongoing Communication with ABC President of Naic for MOA signing to transfer technology with the Brgy. Officials Draft of MOA with DepEd was reviewed by the University legal counsel A video demonstration of the software was created Video presentation on the download instructions was created User's manual is being converted into brochure Video demonstration and software download link was initially uploaded to CvSU Naic TV Facebook group Prof. Michelle C. Tanega, Prof. Emelita Sto. Tomas together with the student leaders of CvSU Naic during the virtual meeting. After the meeting, Ms. Evangelina Pangilinan,	90,000.00

		head of MENRO Naic, signed the MOA for the implementation of Zero Waste extension projects Ms. Jelita F. Ridao joined the Brgy. Bucana Coastal clean-up program headed by Brgy. Captain Jerry Barrera together with the barangay officials and 4Ps member cluster 4 last May 8, 2021 Off-campus practice of Zero-Waste Management/ Off Campus Clean- up drive of Student leaders and CvSU Naic students' The Central Student Government conducted an off-campus clean-up drive last June 20, 2021. The Information and Communication Technology Student Organization (ICTSO) participated in the Off-campus practice of Zero-Waste Management, ITD Students participated in the Off-campus practice of Zero-Waste Management Mr. Salud (ITD) while making pencil organizers using recycled materials.	
2022	**BATANGAN 2.0 Extension Program** Salin Impormasyon at Kaalaman sa Teknolohiya ng Kompyuter (SIKTeK) Zero Waste Management in the Coastal Areas of Naic, Cavite (Project Zero)	Continuous follow-up on the participants was conducted to complete the post-assessment survey The distribution of CD installers of mobile applications to the partner agencies and gathering of data were done to ensure the effectiveness of the technology transferred Office visit to partner agencies for reorientation of the new officers Ongoing Communication with DepEd-ALS for MOA signing to transfer technology with the DepEd-ALS Tanza, Carmona and Amadeo Draft of MOA with DepEd ALS was reviewed by the University legal counsel MOA was signed by involved parties but not yet released by Dep-Ed ALS for notarization A video demonstration of the software was created Video presentation on the download instructions was created Printing of user's manual and brochure Video demonstration and software download link was uploaded to CvSU Naic TV Facebook group Video demonstration, software download, and evaluation link were sent to partner agencies	120,000.00
2023	**BATANGAN 2.0 Extension Program** Salin Impormasyon at Kaalaman sa Teknolohiya ng Kompyuter (SIKTeK) Zero Waste Management in the Coastal Areas of Naic, Cavite (Project Zero)	Solid and Liquid Waste Management Seminar **(Project Zero)** Project Analysis **(Project Zero)** SIKTEK Extension Project Team Meeting/Planning Monitoring and evaluation of ARDANs with BFP, MDRRMO and PNP	120,000.00

		Preparing video presentation of SIKTEK project for ISTORYA 2.0 Episode 4 Faculty and student extensionists of the Information Technology Department conducted the SIKTeK community extension activity to DepEd ALS at Felipe G. Calderon Elementary School in Tanza, Cavite. Faculty of IT Department participated in the “Awareness Seminar for University Students: “Zero Waste for Sustainable Campus and Communities: Integrating Gender and Development, Innovation, and Digitalization”	
2024	**BATANGAN 2.0 Extension Program** Salin Impormasyon at Kaalaman sa Teknolohiya ng Kompyuter (SIKTeK) Zero Waste Management in the Coastal Areas of Naic, Cavite (Project Zero) **TECHBRIDGE: Empowering Communities with IT Skills and Innovative Tools for Professional and Community Advancement** **Tech Edu-Boost:** Empowering Educational Community Through Information and Communication Technology **Tech Pathways:** Advancing ALS Students Through Computer Literacy and Digital Skills **Tech-Ready:** Empowering Educators and Students with ARDANs Mobile Technology for Disaster Risk Reduction	Training with the BFP Naic officers in ARDANS Mobile Application Technology Transfer of ARDAN’S Application in selected Barangay of Naic Coastal clean-up at Barangay Bucana Malaki and Bancaan Naic, Cavite Community Needs Assessment (CNA) Monitoring and Evaluation of SIKTeK (ARDANs) Extension Project at Selected Community Learning Center - ALS Tanza Meeting for Post Evaluation of Community Needs Assessment (CNA) Monitoring and Evaluation of SIKTeK (ARDANs) Extension Project Salin Inpormasyon ng Kaalaman at Teknolohiya sa Kompyuter (SIKTeK) Extension Project Team Meeting Community Needs Assessment (CNA)	110,000.00
2025	**BATANGAN 2.0 Extension Program** **Salin Impormasyon at Kaalaman sa Teknolohiya ng Kompyuter (SIKTeK)** **Zero Waste Management in the Coastal Areas of Naic, Cavite (Project Zero)**	**Presentation of Tech Bridge Extension Program** to ALS Tanza and Naic Revising the Tech Bridge program (meeting) Revision/Consultation meeting with Tech Bridge Program Team Propose the Tech Bridge Program at CVSU Main Campus Revision/Consultation meeting with Tech Bridge Program Team	95,000.00

	TECHBRIDGE: Empowering Communities with IT Skills and Innovative Tools for Professional and Community Advancement **Tech Edu-Boost:** Empowering Educational Community Through Information and Communication Technology **Tech Pathways:** Advancing ALS Students Through Computer Literacy and Digital Skills **Tech-Ready:** Empowering Educators and Students with ARDANs Mobile Technology for Disaster Risk Reduction	Finalizing the Tech Bridge Extension Program of the Department	

5. Provision of Materials and Other Resources

The Bachelor of Science in Computer Science (BSCS) program of Cavite State University Naic (CvSU Naic) has continually strengthened its academic and technical offerings through the strategic provision of materials and other essential resources. This initiative has been made possible through sustained collaborations with academic institutions, industry partners, government agencies, and non-governmental organizations. These partnerships have been pivotal in advancing the program's capacity to produce competent, industry-ready graduates.

One of the key developments has been the integration of learning materials and resources that reflect current industry trends and emerging technologies. These materials, developed in partnership with tech companies and academic collaborators, ensure that students acquire both theoretical foundations and practical, up-to-date skills relevant to today's digital landscape (see MOU).

To reinforce experiential learning, internship and on-the-job training (OJT) programs were established with leading technology companies and government agencies. These real-

world engagements have equipped students with hands-on experience in using industry-standard tools and practices, thereby bridging the gap between classroom instruction and professional application (see MOA).

Figure 52. OJT visit of OJT coordinator of BSCS students

Faculty development also received strong support through targeted initiatives such as technical training, professional certification programs, and industry immersion. These efforts have enabled instructors to stay abreast of the latest developments in the field and enhance their pedagogical strategies in line with evolving technological standards.

In the spirit of collaborative innovation, resources were dedicated to joint projects with partner institutions, allowing for knowledge exchange and the co-creation of technological solutions. This collaboration promotes academic progress while aligning project outputs with industry demands.

To support the career development of students, the program provided materials and resources for organizing career fairs, industry mentoring, and job placement initiatives. These platforms created direct connections between students and employers, strengthening employability and aligning academic preparation with actual job market requirements.

Beyond academia, partnerships with local government units and NGOs facilitated community-centered, technology-driven initiatives. These projects not only supported digital inclusion but also encouraged students to apply their knowledge in addressing societal challenges.

The BSCS program further expanded its global engagement through international academic exchanges, virtual collaboration, and benchmarking activities. Resources allocated for these initiatives enabled students and faculty to experience diverse educational systems and adopt global best practices.

In addition, the program actively engaged with business incubators, tech hubs, and startup accelerators, providing students access to mentorship, technical support, and funding opportunities. These partnerships nurtured entrepreneurial mindsets and helped students transform innovative ideas into viable tech-based enterprises.

Industry-led seminars, hackathons, and project-based activities were also supported through material provision. These immersive activities provided real-time exposure to practical challenges and fostered skill development in a collaborative, competitive environment.

The program has ensured long-term sustainability by investing in institutional partnerships that promote ongoing curriculum enhancement, resource sharing, and collaborative research and development. These enduring relationships are instrumental in keeping the BSCS program relevant, competitive, and responsive to both academic and industry needs.

The provision of materials and other resources has been a cornerstone in enhancing the BSCS program's quality and relevance. Through multi-sectoral collaboration and sustained support, the program continues to empower students and faculty to thrive in an ever-evolving technological world.

6. Participation of a Significant Number of Faculty/Staff/Student Community in Major Projects/Activities

The Bachelor of Science in Computer Science (BSCS) program has demonstrated a strong commitment to fostering a dynamic and collaborative academic environment through the active participation of faculty, staff, and students in a wide range of major projects and initiatives. These engagements, facilitated by strategic linkages with industry, government, and academic partners, have significantly enriched the educational experience, strengthened professional competencies, and promoted meaningful contributions to society.

To cultivate a collaborative culture reflective of real-world demands, the program encouraged and supported the participation of its academic community in major academic and industry-led activities. Faculty, staff, and students actively took part in innovation challenges, tech forums, collaborative research, and program development initiatives that bridged the gap between academic theory and practical application.

Partnerships with technology companies and government agencies provided the platform for hands-on experience. Faculty and students worked side by side on joint projects, enhancing their understanding of current technologies and policies. These

collaborations also deepened academic-industry linkages, resulting in more aligned learning outcomes and better preparation for workforce integration.

Faculty and staff development was prioritized through targeted training programs, industry certifications, and immersion experiences. Their involvement in major initiatives—ranging from curriculum design to software development and policy formulation—boosted their expertise while reinforcing the institution's capacity to contribute to innovation in the information technology sector.

The program has also engaged extensively in inter-institutional partnerships. Faculty, staff, and students collaborated with other schools and organizations on joint research, extension programs, and technical development projects. These interactions fostered a vibrant community dedicated to generating knowledge and developing practical solutions to contemporary challenges.

Participation in career-related activities such as job fairs, industry mentoring, and placement programs was another key area of engagement. These events facilitated direct interaction with employers, expanded career opportunities, and aligned academic preparation with industry expectations.

Community-based initiatives were equally prioritized. Through partnerships with local government units and NGOs, the academic community implemented technology-based solutions for social development. These projects addressed real-world problems, from digital literacy campaigns to e-governance tools, highlighting the relevance and impact of the BSCS program in the broader community.

5.1. BSCS Linkages

IT Department faculty members and BSCS students has been actively involved in carrying out the activities planned in relation to its partnership with the program to certain institutions.

Table 7. BSCS students and faculty linkage partner.

Agency/Institution	**Nature of Linkage**
Barangay Bucana Malaki, Naic, Cavite	● ARDANs technology transfer ● SiKTeK extension project
College of Criminal Justice (CCJ) in Cavite State University Main Campus	● ARDANs technology transfer with integration of basic life support and maneuver training ● Siktek extension project
Bureau of Fire Protection (BFP) https://bfp.gov.ph	● ARDANs technology transfer ● SiKTeK extension project
Alternation Learning System (ALS) Tanza	● ARDANs technology transfer ● Salin Inpormasyon ng Kaalaman at Teknolohiya sa Kompyuter (SikTeK)
Lansangan Farm	● ICT-AGMAS ● Technology transfer

7. Well-documented (Accomplishment Reports and Portfolios)

The BSCS program ensures that all linkage activities are systematically documented through comprehensive accomplishment reports and organized portfolios. These records provide clear evidence of partnerships, faculty and student engagements, industry collaborations, and professional development initiatives. The documentation serves not only as proof of compliance but also as a valuable reference for monitoring progress, evaluating outcomes, and sustaining continuous improvement in linkages and external relations.

Table 8. Accomplishment report from 2019-2025

Year	Accomplishments
2019	The Board of Resolution (BOR) approval of Ugnayan 2.0 gave opportunity to anchor the Batangan 2.0 Extension Program composed of five projects from different department of the campus. Environmental Program Officers and Project leader Prof. Emelita Sto. Tomas conducted a consultation meeting with student leaders and office personnel the Office of the Students Affairs and Services (OSAS). Discussion and planning on Zero Waste Management in the campus and nearby coastal barangays tackled and consulted during the meeting last July 03, 2019 at OSAS. The Central Student Governments' President Mr. Ceazar Calpe discussed the plan of activities and introduce the project entitled "PROJECT ZERO" for the Academic Year 2019-2020 last August 14, 2019 at Aquabest bldg. Project Zero is part of the Zero Waste Extension Project headed by Prof. Emelita Sto. Tomas and Prof. Michelle C. Tanega together with the leaders of student organization in CvSU Naic. Director of OSAS and Project coordinator Prof. Michelle C. Tanega conducted a consultation meeting with student leaders. Discussion and planning on Zero Waste Management activities in the campus were tackled and consulted during the meeting last August 13, 2019 at OSAS. The Director of Student Affairs and Services together with the Head of Development and Central Student Government facilitated the General Monthly Meeting. One of the topic discussed was the monthly cleanup in the campus premises as part of the activities in Project Zero. The meeting was attended by all recognized student leaders last August 19, 2019 at OSAS CvSU Naic. The memorandum of the campus wide monthly clean-up drive was approved and posted by the OSAS last September 4, 2019. In support to "project zero", the officers of different student organizations together with the students and faculty of the campus conducted the monthly clean-up drive every last Thursday of the month from September to November 2019. Project Zero activities was held last October 22, 2019. Prof. Sherrlyn M. Rasdas, Extension unit head discussed the overview of the extension project "Project ZERO" including extension forms such as accomplishment report, narrative report, and attendance sheet to be accomplished for the entire implementation of the Project Zero. The meeting was attended by student leaders and the Director for OSAS at Office of Central Student Government (CSG) November 12, 2019. Planning and consultation meeting were conducted in order to monitor and evaluate the project implementation of SiKTeK. The project leader discussed the overview of the extension project, terms of references of each team members and plan of activities during the team meeting at Office of Director of the Student Affairs and Services on July 23, 2019. The project team of SIKTEK extension project conducted the consultation meeting to discuss results of pre-test and technical evaluation of the ARDANs Application at Office of Director of Curriculum and Instructions on September 26, 2019.

	The faculty of Information Technology Department, the Director of Research, Development and Extension Services Prof. Armina B. Pugay together with the officials of Bureau of Fire (BOF), Philippine National Police (PNP), and Municipal Disaster Risk Reduction Management Office (MDRRMO) of Naic, Cavite during the pre-testing and consultative meeting regarding SIKTEK extension project at Sangguniang Bayan last October 16, 2019.
2020	SiKTeK ARDANS technology transfer last December 4, 2020 CvSU Naic hosts the 9th Naic Pawikan Festival poster making contest held in Coastal National High School at Labac, Naic, Cavite last, January 31, 2020. Moreover, Faculty, staff together with the Campus Administrator supported the said event. In order to implement and attain the objectives of the Salin Impormasyon at Kaalaman sa Teknolohiya ng Kompyuter (SIKTEK) extension project under Information Technology Department (ITD), the team conducted a meeting at Computer Laboratory B last February 4, 2020. March 5, 2020, consultative meeting and demonstration of the Software Application was held at DepEd Naic District office. The plan of activities for the first half of 2020 for the SiKTeK extension project was also discussed. To monitor and evaluate the Batangan 2.0 extension program anchored to Ugnayan 2.0. The Extension Services Director Dr. Lilibeth Novicio together with Mrs. Julieta Mojica Monitoring Unit Head of Extension Services of CvSU Main visited the CvSU Naic campus on December 14, 2020. Prof. Amina B. Pugay, Director for Research and Extension Services, Prof. Sherrlyn M. Rasdas, Extension Unit Head and Prof. Romilee C. Hinahon Santos, Monitoring and Evaluation Unit Head all from CvSU Naic facilitated the visit. The six (6) Extension coordinators and/or extension project leaders of the projects under Batangan 2.0 program presented the updates and status of the projects.
2021	Project team planning and activities March 5, 2020, consultative meeting and demonstration of the Software Application was held at DepEd Naic District office. The plan of activities for the first half of 2020 for the extension project was also discussed.
2022	4 IT faculties attended international seminar/training. 2 IT faculties attended national seminar/training. 2 seminars was attended for the faculty 10 IT faculties attended the local seminar/training. Dr. Rossian Perea published three research articles at the 2022 International Conference on ICT for Smart Society (ICISS) at IEEE Xplore with ISBN 978-1-6654-7135-0: Conducting consultative meetings in an online environment with stakeholders is a crucial aspect of project implementation The SIKTEK extension project team during the team meeting via Google Meet last November 23, 2022. The SIKTEK extension project team with selected BSIT students and DILG head during the ARDANS monitoring and evaluation activity at BFP, DILG, PNP and MDRRMO last November 28, 2022
2023	1 BSCS professor attended international training.

	10 BSCS professor attended national seminars 3 BSCS professors attended local seminars Dr. Rossian Perea invited as EVALUATOR at the Romblon State University during the In-House Review of R&D Proposal and Completed Projects held on March 30-31, 2023 via Zoom In-service Training conducted by IT Department entitled “Leveraging Machine Learning and Data Mining Techniques With Analytics” held on June 2, 2023 with Prof. Rico S Santos as Guest Speaker from TUP-Taguig.
2024	All BSCS professors attended several local, national, regional, and international training ang seminars. ITD Day featured an E-Sports tournament, Ode to Code Coding Competition, Tetris Competition, Talk-nology Seminar, and Circuit Clash Talent Showcase. Information Technology Department orientation program on September 19, 2024
2025	Proposed TechBridge Extension Program last February 24, 2025 Technology transfer of Disaster Risk Mobile App at CVSU Main Campus Presentation of Tech Bridge Program to ALS Tanza and Tanza Naic last January 7, 2025 Orientation on the new QMS Procedures and Forms and First Quarterly Meeting for Extension Coordinators Propose the TECH Bridge Program at CVSU Main Campus last February 24, 2025 Finalizing the Tech Bridge Extension Program of the Department last March 10, 2025 Preparing Brochures and IEC Materials for Tech Transfer Extension Activity March 11, 2025 Tech Transfer of Disaster Risk Mobile App at CVSU Main Campus last March 12, 2025

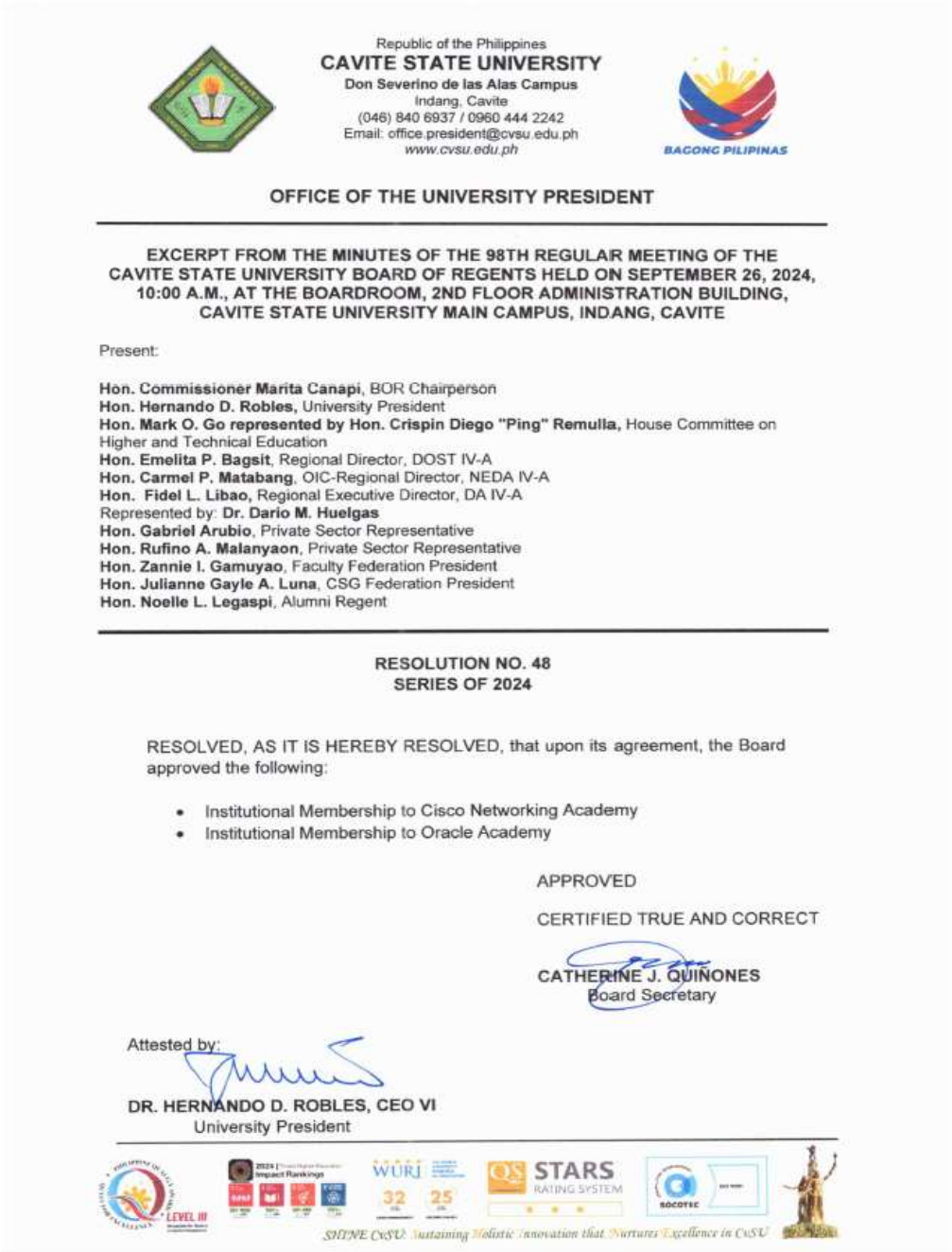
(See Accomplishment Report 2019-2025 folder
https://drive.google.com/drive/folders/17RyyRACpWTQvLFg0ASgVZ-s9QvyMkl4R?usp=sharing)

8. Awards and Distinction and Best Practices Relevant to Instruction

The BSCS program highlights its commitment to quality instruction through the recognition of awards, distinctions, and best practices that reflect academic excellence and innovation. Faculty and students have been acknowledged in various fields, showcasing

achievements that enhance the program's credibility and reputation. At the same time, the adoption of best practices in teaching and learning ensures that instruction remains responsive, outcomes-based, and aligned with industry standards, thereby strengthening the program's overall academic impact.

7.1 International membership in Cisco Networking Academy and Oracle Academy



Republic of the Philippines
CAVITE STATE UNIVERSITY
Don Severino de las Alas Campus
Indang, Cavite
(046) 840 6937 / 0960 444 2242
Email: office.president@cvsu.edu.ph
www.cvsu.edu.ph

BAGONG PILIPINAS

OFFICE OF THE UNIVERSITY PRESIDENT

EXCERPT FROM THE MINUTES OF THE 98TH REGULAR MEETING OF THE CAVITE STATE UNIVERSITY BOARD OF REGENTS HELD ON SEPTEMBER 26, 2024, 10:00 A.M., AT THE BOARDROOM, 2ND FLOOR ADMINISTRATION BUILDING, CAVITE STATE UNIVERSITY MAIN CAMPUS, INDANG, CAVITE

Present:

Hon. Commissioner Marita Canapi, BOR Chairperson
Hon. Hernando D. Robles, University President
Hon. Mark O. Go represented by Hon. Crispin Diego "Ping" Remulla, House Committee on Higher and Technical Education
Hon. Emelita P. Bagsit, Regional Director, DOST IV-A
Hon. Carmel P. Matabang, OIC-Regional Director, NEDA IV-A
Hon. Fidel L. Libao, Regional Executive Director, DA IV-A
Represented by: **Dr. Dario M. Huelgas**
Hon. Gabriel Arubio, Private Sector Representative
Hon. Rufino A. Malanyaon, Private Sector Representative
Hon. Zannie I. Gamuyao, Faculty Federation President
Hon. Julianne Gayle A. Luna, CSG Federation President
Hon. Noelle L. Legaspi, Alumni Regent

RESOLUTION NO. 48
SERIES OF 2024

RESOLVED, AS IT IS HEREBY RESOLVED, that upon its agreement, the Board approved the following:

- Institutional Membership to Cisco Networking Academy
- Institutional Membership to Oracle Academy

APPROVED

CERTIFIED TRUE AND CORRECT

CATHERINE J. QUIÑONES
Board Secretary

Attested by:

DR. HERNANDO D. ROBLES, CEO VI
University President

LEVEL III

WURJ 32 25

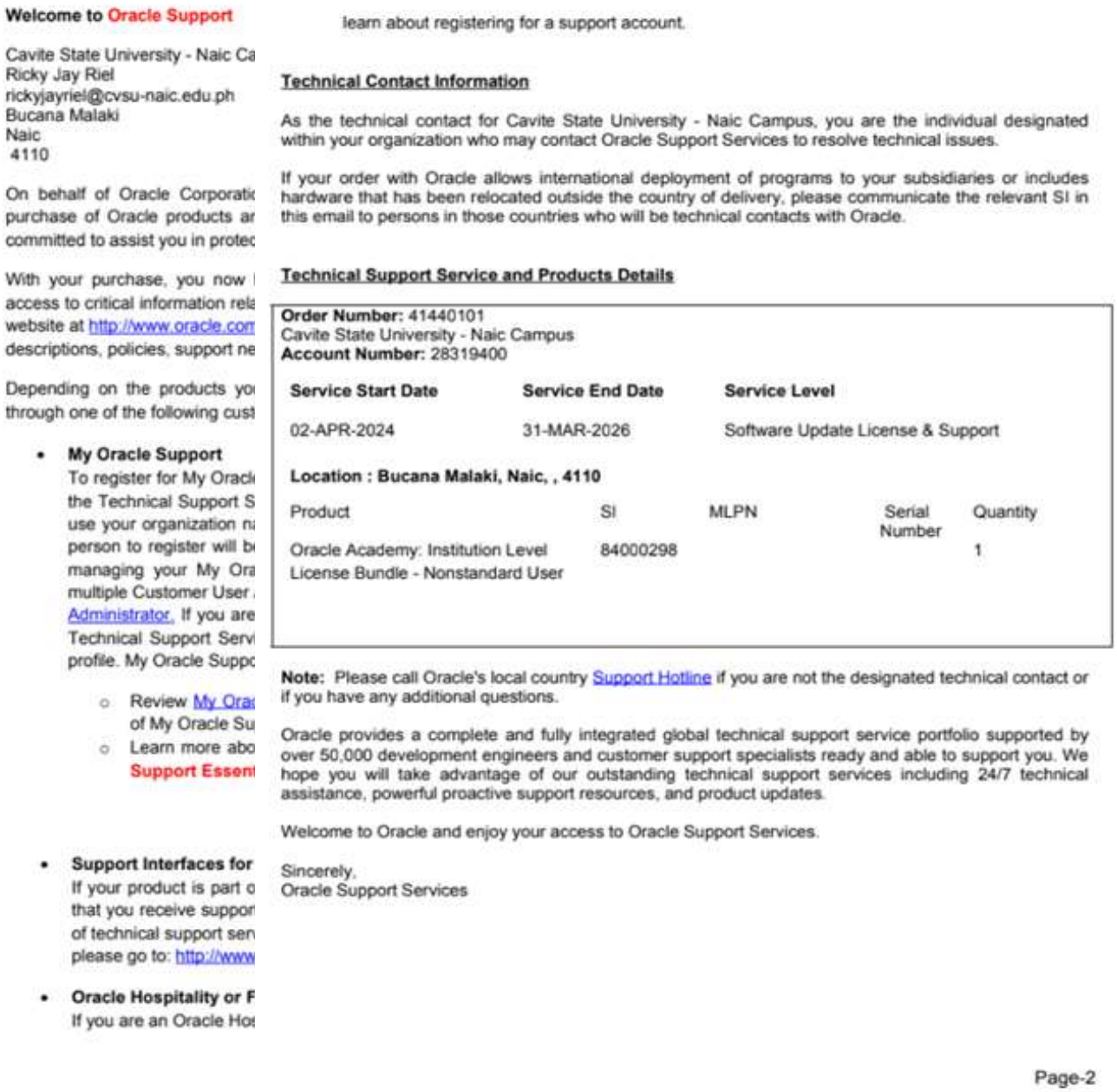
QS STARS RATING SYSTEM

SOCOTEC

SHINE CvSU: Sustaining Holistic Innovation that Nurtures Excellence in CvSU

Figure 53. Resolution No. 48, series of 2024

7.2 Welcome letter from Oracle Academy



Welcome to Oracle Support

Cavite State University - Naic Ca
Ricky Jay Riel
rickyjayriel@cvsu-naic.edu.ph
Bucana Malaki
Naic
4110

On behalf of Oracle Corporati
purchase of Oracle products ar
committed to assist you in protec

With your purchase, you now
access to critical information rel
website at http://www.oracle.com
descriptions, policies, support ne

Depending on the products yo
through one of the following cust

- **My Oracle Support**
  To register for My Oracl
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- **Support Interfaces for**
  If your product is part o
  that you receive suppor
  of technical support ser
  please go to: http://www

- **Oracle Hospitality or F**
  If you are an Oracle Hos

learn about registering for a support account.

Technical Contact Information

As the technical contact for Cavite State University - Naic Campus, you are the individual designated within your organization who may contact Oracle Support Services to resolve technical issues.

If your order with Oracle allows international deployment of programs to your subsidiaries or includes hardware that has been relocated outside the country of delivery, please communicate the relevant SI in this email to persons in those countries who will be technical contacts with Oracle.

Technical Support Service and Products Details

Order Number: 41440101
Cavite State University - Naic Campus
Account Number: 28319400

Service Start Date	Service End Date	Service Level
02-APR-2024	31-MAR-2026	Software Update License & Support

Location : Bucana Malaki, Naic, , 4110

Product	SI	MLPN	Serial Number	Quantity
Oracle Academy: Institution Level License Bundle - Nonstandard User	84000298			1

Note: Please call Oracle's local country Support Hotline if you are not the designated technical contact or if you have any additional questions.

Oracle provides a complete and fully integrated global technical support service portfolio supported by over 50,000 development engineers and customer support specialists ready and able to support you. We hope you will take advantage of our outstanding technical support services including 24/7 technical assistance, powerful proactive support resources, and product updates.

Welcome to Oracle and enjoy your access to Oracle Support Services.

Sincerely,
Oracle Support Services

Page-2

Figure 54. Welcome letter from Oracle Academy

Table 9. List of BSCS students who passed the exam from Oracle Academy.

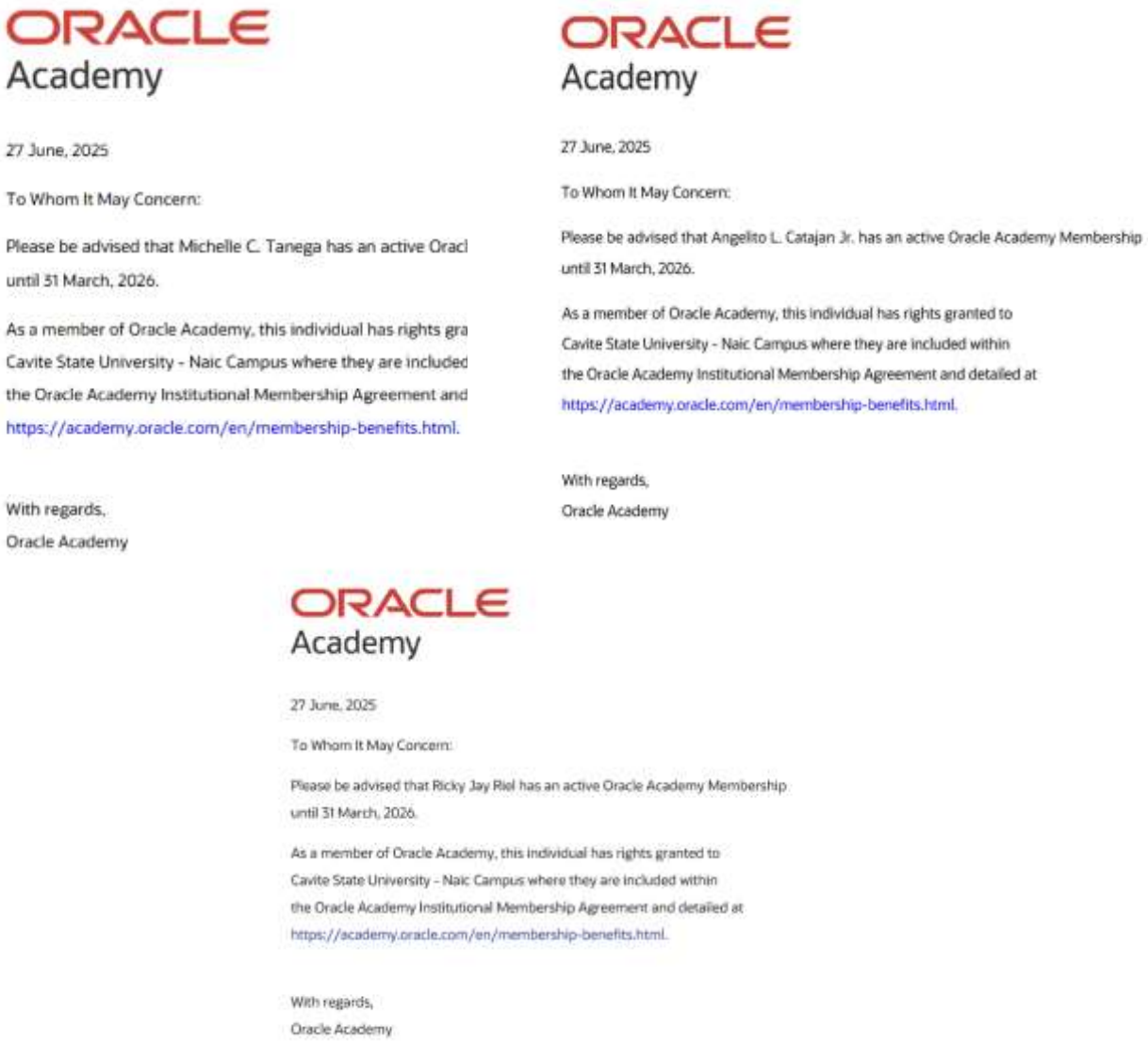
No.	Name of Student
1	Alessandra S. Herico
2	Alexis Jean B. Dingle
3	Axcel Joh H. Bernal
4	Carl Daniel P. Datan
5	Eisen Randall A. Zarate
6	Grabiel R. Tabang
7	Ma. Ira Ivory C. Parong
8	Natanaelle Mari R. Berse
9	Precious Zyra C. Bordarays
10	Ronnel S. Dayson

Figure 55. Sample award of completion of 2 BSCS students who take Advanced DBMS which is based from Database Programming with SQL-English

(See complete Oracle certificates of BSCS students folder to this link: https://drive.google.com/drive/folders/17RyyRACpWTQvLFg0ASgVZ-s9QvyMkI4R?usp=drive_link)

7.3 Oracle Academy faculty membership.

3 of the BSCS professors are member of Oracle Academy as Faculty.



ORACLE
Academy

27 June, 2025

To Whom It May Concern:

Please be advised that Michelle C. Tanega has an active Oracl
until 31 March, 2026.

As a member of Oracle Academy, this individual has rights gra
Cavite State University - Naic Campus where they are included
the Oracle Academy Institutional Membership Agreement and
https://academy.oracle.com/en/membership-benefits.html.

With regards,
Oracle Academy

ORACLE
Academy

27 June, 2025

To Whom It May Concern:

Please be advised that Angelito L. Catajan Jr. has an active Oracle Academy Membership
until 31 March, 2026.

As a member of Oracle Academy, this individual has rights granted to
Cavite State University - Naic Campus where they are included within
the Oracle Academy Institutional Membership Agreement and detailed at
https://academy.oracle.com/en/membership-benefits.html.

With regards,
Oracle Academy

ORACLE
Academy

27 June, 2025

To Whom It May Concern:

Please be advised that Ricky Jay Riel has an active Oracle Academy Membership
until 31 March, 2026.

As a member of Oracle Academy, this individual has rights granted to
Cavite State University - Naic Campus where they are included within
the Oracle Academy Institutional Membership Agreement and detailed at
https://academy.oracle.com/en/membership-benefits.html.

With regards,
Oracle Academy

Figure 56. BSCS professors as faculty in Oracle Academy

Figure 57. Photo and certificate of the BSCS student who won the “Ode to Code” programming contest

Networking Academy

Certificate of Course Completion

Kimberly Rose Bautista

has successfully achieved student level credential for completing the Networking Basics course.

The student was able to proficiently:

- *Explain important concepts in network communication, network types, components, and connections.*
- *Explain the importance of standards and protocols in network communications.*
- *Explain how communication occurs on Ethernet networks.*
- *Explain the features of an IP address and IPv4 addresses are used in network communication.*
- *Explain features of IPv6 addressing.*
- *Explain how routers connect networks together.*
- *Use various tools to test and troubleshoot network connectivity.*
- *Configure an Integrated wireless router and wireless client to connect securely to the Internet.*

Lynn Bloomer

Lynn Bloomer
Director, Cisco Networking Academy

Figure 58. Certificate receive by one of the BSCS professors

Figure 51. One of the BSCS student join the coding challenge contest online and won 3rd place

BEST PRACTICES FOR THE BSCS PROGRAM

The BSCS program at CvSU-Naic implemented several best practices to strengthen its linkages with various sectors. The program established strategic industry partnerships by signing MOUs with major tech companies like Accenture, Globe, PLDT, and IBM Philippines.

To improve practical training, the program required 240 hours of supervised industry immersion and developed structured internship tracks in software development, networking, and data science. A work-study program with partner companies was introduced, along with a quality assurance system for internship evaluations.

The BSCS program forged strategic partnerships with Oracle Academy and Cisco Networking Academy to enhance its curriculum. Oracle Academy integration provided database and Java programming courses, faculty training, and cloud platform access, while Cisco Networking Academy delivered CCNA certification modules and established a networking lab. These collaborations enabled students to earn industry-recognized certifications, improved practical training through cloud and simulation tools, and boosted graduate employability. The successful implementation demonstrated the value of industry-academe partnerships, prompting considerations to expand similar collaborations with other major tech companies.

FUTURE PLANS

To ensure the **Bachelor of Science in Computer Science (BSCS)** program achieves its objectives of producing highly skilled, innovative, and socially responsible graduates, strategic area linkages will be strengthened across industry, academia, government, and the community:

Industry partnerships will be expanded through mandatory internships with leading tech companies, certification programs in collaboration with global tech giants (such as Cisco,

AWS, and Google), and the establishment of an Industry Advisory Board to keep the curriculum aligned with workforce demands. Faculty internships will also be introduced to allow educators to gain hands-on industry experience, ensuring that their teaching remains updated and relevant to current technological trends. Additionally, regular hackathons, coding competitions, and guest lectures by industry experts will bridge the gap between classroom learning and real-world applications.

Academic and research collaborations will be prioritized by forming partnerships with top universities and research institutions for joint projects, faculty exchanges, and student immersion programs. Integration of online micro-credentials (such as Coursera and edX specializations) into the curriculum will ensure continuous upskilling, while research grants and paper publications with institutions like IEEE and ACM will foster innovation.

Government and community engagement will focus on applying computer science for social good, including public-sector tech projects with agencies like DICT and DOST, community-based app development for NGOs, and free coding boot camps for underserved youth. These initiatives will reinforce the program's commitment to digital inclusion and ethical computing.

Alumni and professional networks will be strengthened through mentorship programs, job fairs, and LinkedIn networking groups to enhance career opportunities for graduates. Meanwhile, **curriculum enhancements** will introduce emerging tech specializations (AI, cybersecurity, blockchain) and require capstone projects sponsored by industry partners, ensuring graduates are future-ready.