

## 2023 Accomplishment Report

### Executive Summary

#### *Research Budget Allocation & Utilization*

<b>BUDGET</b>	<b>Amount</b>	<b>Utilization Rate</b>
GAA	1,649,000.00	100%
Income	2,000,000.00	100%

#### *Externally funded Researches*

<b>Funding Agency</b>	<b>Title of the Program/Project</b>	<b>Budget</b>	<b>Faculty Involved</b>
DOST-GIA/PCAARRD	Development of Farm Pest Detection, Classification, and Management System for Queen Pineapple	2,461,972.08	Edgar Bryan B. Nicart, et.al
DOST-GIA/PCAARRD	Transfer of Viable Queen Pineapple Technology	1,116,047.40	Mary Jane Ferrer, et.al
DOST-GIA/PCAARRD	Detection Mealybug- Wilt Associated virus in Queen Pineapple (ananas comosus) using real-time PCR assay	4,966,962.40	Arlene C. Alegre, PhD, et.al
DOST-GIA/PCAARRD	Resource Management Practices in Queen Pineapple production under various cropping system and ecological condition: basis for sustainable development interventions	1,667,107.00	Rohilyn Colenares, et.al
DOST-GIA/PCIEERD	Development of QP Data Analytics and Recommender System for Effective Monitoring and	1,000,000.00	Edgar Bryan B. Nicart, et.al

	Management (QP-DAREM)		
Department of Agriculture	Production and Technology Assessment of Seaweeds	1,000,000.00	Darwin C. Biag
DOST-GIA	Strategic PostHarvest Research for Innovative and Novel Technologies for Horticulture Industry Development	1,408,314.00	Dr. Arlene C. Alegre, et.al
DOST-PCAARRD	Project 1 A-Enhancing the IP-TBM in Camarines Norte State College through RAISE	1,600,000.00	Engr. Leo Agustin P. Vela

***Research conferences conducted***

<b><i>Completed Researches</i></b>	<b>Title of the Conference</b>	<b>Date conducted</b>	<b>Number of participants</b>
1. Institutional	3 <sup>rd</sup> National and 3 <sup>rd</sup> Regional Conference: "Navigating Research towards Publication"	June 23, 2023	Fifty (50) Participants

<b>Delivery Units</b>	<b>Names of Faculty</b>	<b>Completed Research</b>	<b>Approved Budget</b>
CBPA	Dr. Corazon S. Fajardo Mr. Emmanuel A. David Mr. Crisanto S. Ramirez	Records Management Practices of Urban Barangays in Daet, Camarines Norte	75,000.00
CBPA	Dr. Gehana D. Lamug, et.al	Coco Coir Production and Its Implication to the Women of Basud, Camarines Norte	
CBPA	Dr. Gehana D. Lamug	Training Needs Assessment of	20,500.00

	Ms. Gennevie L. Elep	Women's Organization in Camarines Norte: Basis for Training Design in Livelihood	
CBPA	Mr. Andrew Emmerson Abilgos Mr. Eugene O. Balindan	Exploring Financial Literacy of Selected DepEd Teachers in Daet, Camarines Norte	6,098.00
CANR	Ms. Nicole Anne Panotes Ms. Marla Relloso	Degree of Awareness Acceptability, Congruency and Implementation of CNSC's Vision and Mission, Goals and Objectives of the Curricular Program of the CANR	-
COED	Ms. Maria Elena Bidar Mr. Felomino Vicente T. Hernandez	Adversity Quotient, Achievement Motivation, and Learning Achievement of Selected Students during Educational Disruption	75,000.00
COTT	Mr. Ponciano J. Puse Jr.	Utilization and Perception of Library Users in the Use of Electronic Resources in a Rural Higher Education Institution in Bicol Region, Philippines	75,000.00
COTT	Mr. Ponciano J. Puse Jr. Ms. Melza R. Macayan Mr. John Lester B. Sinangote Ms. Melba R. Porbolan	Delving into the Learning Style of Technical School Students in a Rural SUC in the Philippines	75,000.00
CAS	Mr. Noel Alegre	Status of Devolved Agencies in Camarines Norte	-
CANR	Ms. Rohilyn Colenares	Energy Balance in Queen Pineapple Production in Camarines Norte	-
CAS	Mr. Noel Alegre	Gender Division of	

		Labor among Small Queen Pineapple Farmers in Four Towns of Camarines Norte, Philippines	-
ICS	Mr. Edgar Bryan Nicart	An Intelligent Deep Learning Architecture of Pineapple Pest Detection and Classification	-
CANR	Dr. Arlene C. Alegre	Organic Anti-Phatogenic Solution as Alternative to Queen Pineapple (Ananas Comosus) Mealybug Wilt Disease Management	-
COTT	Mr. Ponciano J. Puse Jr.	Research Capabilities of College of Trades and Technology Faculty: Basis for Capacity Development Program	26,090.00
IFMS	Analyn B. Baldove. et al.	Production and Profitability Analysis of Small-Scale Mangrove Crab (Scylla spp.) Farming in Camarines Norte	75,000.00
CBPA	Dr. Gehana D. Lamug, et. al	Research Capabilities and Expectations of CBPA Faculty members: Basis for Capacity Development Program	26,909.00
COENG	Dr. Cesar B. Bermundo et.al	SMS Based Test Checking (Camariners Norte State College Admission Test)	-
	Daniel Maligat, et al	Correlates Bachelor of Science in Information Technology	75,000.00

		Students' Academic and Faculty Performance	
ICS	Edgar Bryan B. Nicart, et al	Correlational Study between the Teacher-Attended Professional Development Activities and the Academic Performance of Student	75,000.00
GS	Dr. Girly H. Naval	Indigenous Peoples Market Integration and Selling Engagements: Concepts and Dynamics	32,409.00
CBPA	Ms. Ma. Reina A. Mabeza	Analysis of Coffee Shops' Pricing Strategies and Customers Satisfaction	34,315.00
	Malyn M. Asay	Inclusion of Person's with Disabilities (PWDs) in the Mainstream Labor Force in the Province of Camarines Norte (CNSC and Camarines Norte Persons with Disability Knowledge Resource and Teach4ed Center	-
CBPA	Ms. Melissa S. Carbonell, et. al	Study on LMPC-APTC Viable Business Model	-
ICS	Mr. Edgar Bryan B. Nicart, et. al	Farming Techniques and Pest Management Strategies of Queen Pineapple Farmers in Camarines Norte: Basis for a Mobile-Based Pest Detection	-
COENG	Dr. Almira K. Velasco	Analysis of Urban Demographic	

		Characteristics as Influential Factors to Energy Management for Energy-Efficient Communities Development	-
CBPA	Ms. Melissa S. Carbonell et. al	Pineapple Industry and Market Study: A response and strategies in the Time of Pandemic COVID 19	-
GS	Dr. Girly H. Naval Dr. Gehana D. Lamug Dr. Adrian C. Guinto	Exploring the Socio-Economic Landscape of Manide: Narratives of their Strives and Strife	50,159.00

2. External

Delivery Units	Names of Faculty	Completed Research	Approved Budget
IFMS	Darwin C. Biag	Production and Technology Assessment of Seaweeds	1,000,000.00

**Research Presented (include photo documentation)**

1. Regional

Title of Research Presented	Names of Faculty	Name of Organizer/Title of Forum	Date Presented & Venue	Financial assistance extended by the institution
Status of Devolved Agencies in Camarines Norte	Noel C. Alegre	2 <sup>nd</sup> Semester Meeting Local Governance Regional Resources Center Multi-Stakeholders Advisory Council	January 19,2023	
Energy Balance in Queen Pineapple Production in	Rohilyn E. Colenares , et, al	34 <sup>th</sup> Regional Symposium on RD and E Highlights	February 28,2023	

Camarines Norte				
Gender Division of Labor among Small Queen Pineapple Farmers in Four Town of Camarines Norte, Philippines	Noel C. Alegre, et. al	35 <sup>th</sup> Regional Symposium on RD and E Highlights	February 28,2023	
Organic Anti-Phatogenic Solution as Alternative to Queen Pineapple (Ananas Cornosus) Mealybug Will Disease Management	Arlene Alegre C.	37 <sup>th</sup> Regional Symposium on RD and E Highlights	February 28,2023	

2. National

<b>Title of Research Presented</b>	<b>Names of Faculty</b>	<b>Name of Organizer/Title of Forum</b>	<b>Date Presented &amp; Venue</b>	<b>Financial assistance extended by the institution</b>
Records Management Practices of Urban Barangays in Daet, Camarines Norte	Dr. Corazon S. Fajardo Mr. Emmanuel A. David Mr. Crisanto S. Ramirez	3 <sup>rd</sup> National and 3 <sup>rd</sup> Regional Conference: Navigating Research towards Publication	June 23, 2023	
Exploring the Financial Literacy of Selected DepEd Teacher in Daet, Camarines Norte	Andrew Emmerson P. Abilgos Eugene O. Balindan	3 <sup>rd</sup> National and 3 <sup>rd</sup> Regional Conference: "Navigating Research toward Publication"	June 23,2023	
Adversity Quotient , Achievement Motivation, and Learning	Maria Elena A. Bidar	3 <sup>rd</sup> National and Regional Conference: "Navigating Research towards Publication"	June 23,2023	

Achievement of Selected Students During Educational Disruption				
Delving into the Learning Styles of Technical School Students in a Rural SUC in the Philippines	Poniano J. Puse. Jr. Melza R. Macayan John Lester B. Sinangote Melba R. Porbolan	3rd National and Regional Conference: "Navigating Research towards Publication"	June 23, 2023	
Correlates Bachelor of Science in Information Technology Students' Academic Performance of Students	Daniel E. Maligat, et al	3 <sup>rd</sup> National and 3 <sup>rd</sup> Regional Conference: "Navigating Research towards Publication"	June 23, 2023	
Correlational Study between the Teacher-Attended Professional Development Activities and the Academic Performance of Student	Edgar Bryan B. Nicart, et.al	3 <sup>rd</sup> National and 3 <sup>rd</sup> Regional Conference: "Navigating Research towards Publication"	June 23, 2023	
Exploring Parent's Sentiments on Modular Learning Modality: Springboard to Extension Project	Dr. Edgar P. Aban Edgar Bryan B. Nicart	3rd National and 3rd Regional Conference: "Navigating Research towards Publication"	June 23, 2023	
Literacy Intervention for the Tribe Project Lift: Higher Education Institution Extension Program for Indigenous	Dr. Ediardo M. Abad	National Extension Conference		



Peoples				
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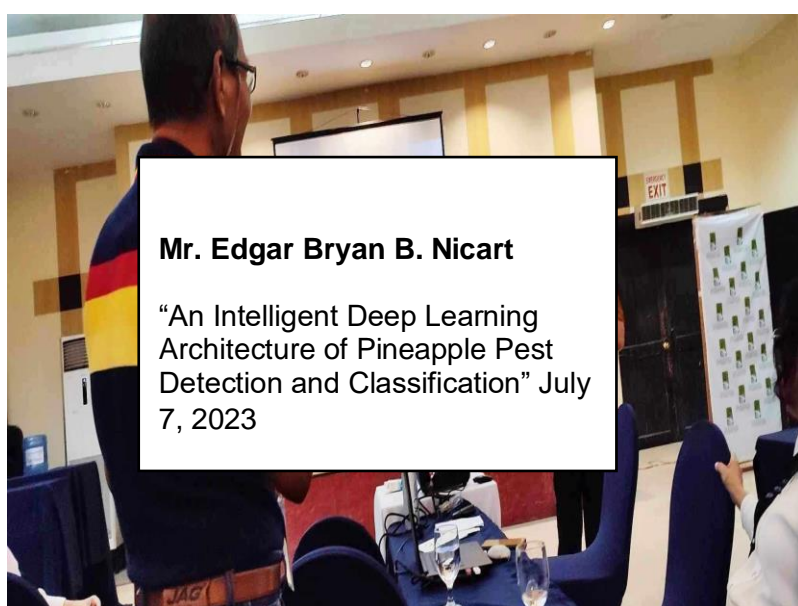
3. International

<b>Title of Research Presented</b>	<b>Names of Faculty</b>	<b>Name of Organizer/Title of Forum</b>	<b>Date Presented &amp; Venue</b>	<b>Financial assistance extended by the institution</b>
Training Needs Assessment of Women's Organization in Camarines Norte: Basis for Training Design on Livelihood	Dr. Gehana D. Lamug Gennevie L. Elep	4 <sup>th</sup> International Multidisciplinary Industry and Academic Research at Aklan State University, Kalibo Campus	July 8, 2023 at Aklan State University	Institutionally funded
Degree of Awareness Acceptability, Congruency and Implementation of CNSC's Vision and Mission, Goals and Objectives of the Curricular Programs of the CANR	Nicole Anne G. Panotes Maria Relloso	4 <sup>th</sup> Asian Multidisciplinary Conference (4 <sup>th</sup> AMRC 2023) with the theme "Role of research in Nation Building"	April 20, 2023	
Utilization and Perception of Library Users in the Use of Electronic Resources in a Rural Higher Education Institution in Bicol Region, Philippines	Ponciano J. Puse Jr. Ann B. Maceda Gemarlyn L. Balada	11 <sup>th</sup> International Conference on Multidisciplinary Research	December 14, 2023	
An Intelligent Dep Learning Architecture of Pineapple Pest Detection and Classification	Mr. Edgar Bryan Nicart	Pest Management Council of the Philippines 55 <sup>th</sup> Anniversary and Annual Scientific Conference	July 07, 2023	
Research Capabilities of College of Trades and Technology	Ponciano J. Puse Jr.	11 <sup>th</sup> International Conference on Multidisciplinary Research	Dec. 14, 2023 via online	

Faculty: Basis for Capacity Development Program in Compliance to the Research Program				
Analysis of Coffee Shops' Pricing Strategies and Customers Satisfaction	Ma. Reina M. Mabeza	2023 International Conference on Applied and Agricultural Economics	Oct. 20,2023 via zoom	
A Multi-Purpose Cooperative Managed Trading Center Viable Business Model	Melissa S. Carbonell, et.al	2 <sup>nd</sup> International Conference on Business and Interdisciplinary Studies (RSBIS)	Nov. 11, 2023 at University of Southern Philippines	
Farming Techniques and Pest Management Strategies of Queen Pineapple Farmers in Camarines Norte: Basis for a Mobile-Based Pest Detection	Edgar Bryan B. Nicart, et.al	3 <sup>rd</sup> International Conference on Agriculture, Biosystem and Technology with a theme "AGRICULTURE FORESIGHT: Harnessing Innovative Digital and Smart-Farming silent Agri-food, Forest, and Bio-based System"	Dec. 12, 2023 via online Anal	
Analysis of Urban Demographic Characteristics as Influential Factors to Energy Management for Energy-Efficient Communities Development	Dr. Almira K. Velasco	Southeast Asian Multidisciplinary Research Expo and Extension Conference	Mar. 4, 2023 at Sorsogon Convention Center, Sorsogon City	
Pineapple Industry and Market Study: A Response and Strategies in the times of	Melissa S. Carbonell , et.al	BETA 101: 1 <sup>st</sup> International Conference on Business, Education, Technology, and	Dec. 11,2023 Via Zoom	

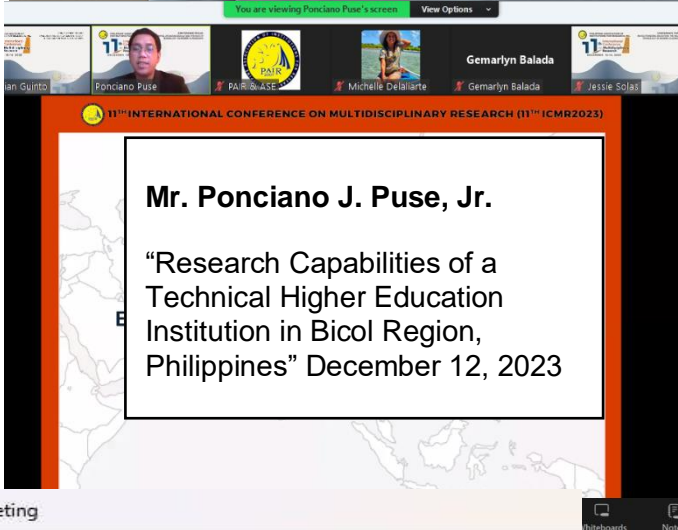
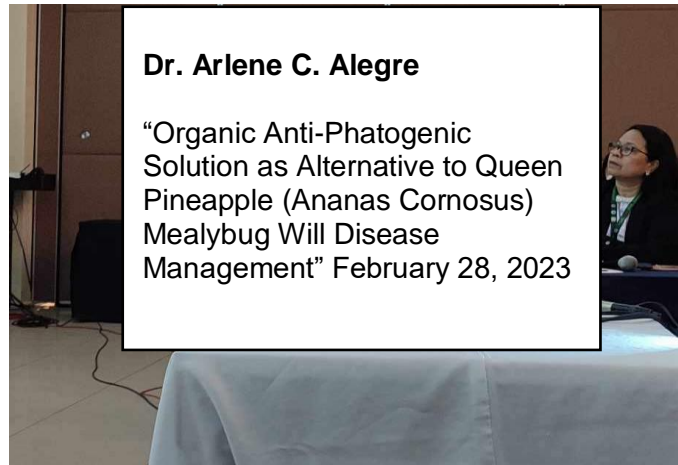
Pandemic Covid 19		Agriculture		
The Impact of COVID 19 Lockdowns on the Air Quality in Major Cities Across the World: A Brief Review	Dr. Roger Jay L. De Vela	Thu Dou College of Technology: HoChi Minh City Vietnam	Jul. 08, 2023 via online	
Green Marketing Strategies of Snacks and Their Implications Business Operations	Ma. Reina M. Mabeza, et.al	2 <sup>nd</sup> International Conference on Business and Interdisciplinary Studies (RSBIS)	Nov. 11, 2023 at University of Southern Philippines	
Ethnolinguistic Vitality of the Manide Tribe: Basis of Proposing Educational Material Plan	Dr. Eduardo M. Abad Delma Jean V. Abad	3 <sup>rd</sup> Gender and Development International Competition and Conference in Research and Education/ LLICON 2023: Language and Literature International Conference	Feb. 04, 2023 via Zoom	

***Photo Documentation***



**Dr. Arlene C. Alegre**

“Organic Anti-Phatogenic Solution as Alternative to Queen Pineapple (Ananas Cornosus) Mealybug Will Disease Management” February 28, 2023

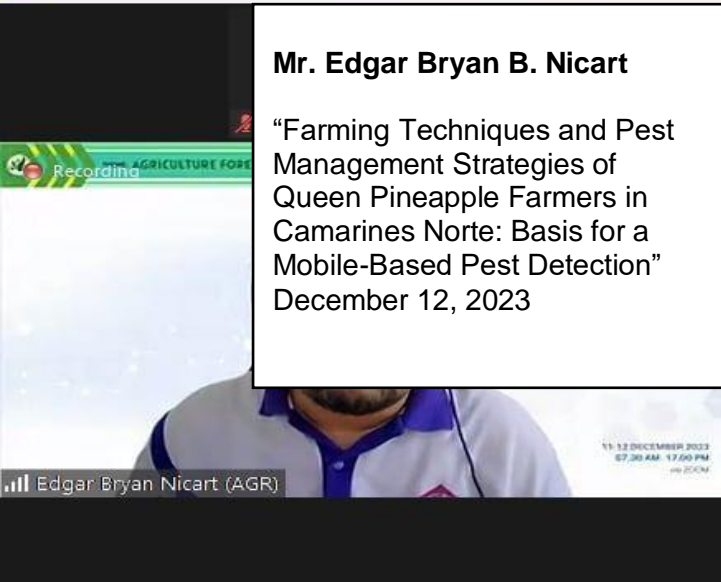


**Mr. Ponciano J. Puse, Jr.**

“Research Capabilities of a Technical Higher Education Institution in Bicol Region, Philippines” December 12, 2023

**Mr. Edgar Bryan B. Nicart**

“Farming Techniques and Pest Management Strategies of Queen Pineapple Farmers in Camarines Norte: Basis for a Mobile-Based Pest Detection” December 12, 2023

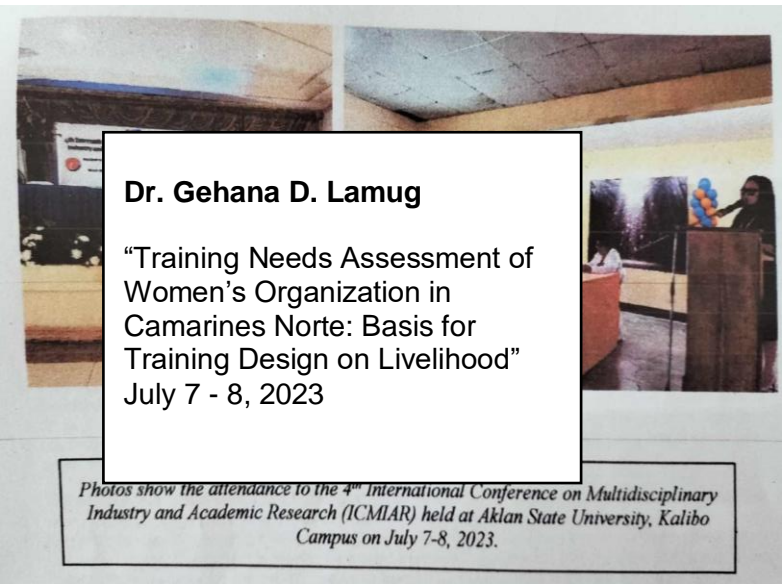




**Ms. Melissa S. Carbonell**  
“A Multi-Purpose Cooperative  
Managed Trading Center Viable  
Business Model” November 11,  
2023



**Ms. Rohilyn E. Colenares**  
“Energy Balance in Queen  
Pineapple Production in  
Camarines” February 28, 2023



**Dr. Gehana D. Lamug**  
“Training Needs Assessment of  
Women’s Organization in  
Camarines Norte: Basis for  
Training Design on Livelihood”  
July 7 - 8, 2023

*Photos show the attendance to the 4<sup>th</sup> International Conference on Multidisciplinary Industry and Academic Research (ICMIAR) held at Aklan State University, Kalibo Campus on July 7-8, 2023.*



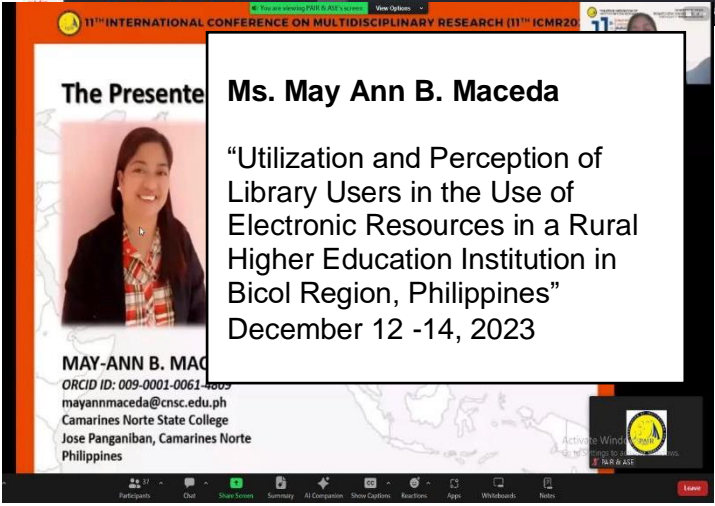
**Mr. John Lester B. Sinangote**

“Delving into the Learning Styles of Technical School Students in a Rural SUC in the Philippines”  
December 12 -14, 2023

**JOHN LESTER B. SINANGOTE**  
sinangotejohnlester@gmail.com  
Camarines Norte State College  
College of Trades and Technology  
Jose Panganiban, Camarines Norte  
Region V-Bicol, Philippines

11<sup>th</sup> INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY RESEARCH (I1<sup>th</sup> ICMR2023)

Participants: 35  
Chat  
Share Screen  
Summary  
AI Companion  
Show Captions  
Reactions  
Apps  
Whiteboards  
Notes



**Ms. May Ann B. Maceda**

“Utilization and Perception of Library Users in the Use of Electronic Resources in a Rural Higher Education Institution in Bicol Region, Philippines”  
December 12 -14, 2023

**MAY-ANN B. MACEDA**  
ORCID ID: 009-0001-0061-7009  
mayannmaceda@cns.edu.ph  
Camarines Norte State College  
Jose Panganiban, Camarines Norte  
Philippines

11<sup>th</sup> INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY RESEARCH (I1<sup>th</sup> ICMR2023)

Participants: 37  
Chat  
Share Screen  
Summary  
AI Companion  
Show Captions  
Reactions  
Apps  
Whiteboards  
Notes

### **Research Published**

Title of Research Published	Names of Faculty	Title of Journal	Volume/ Issue/ page
Utilization and Perception of Library Users in the Use of Electronic Resources in a Rural Higher Education Institution in Bicol Region, Philippines	Ponciano J. Puse Jr. May Ann B. Maceda Gemaryl L. Balada	International of Innovative Science and Research Technology	Volume 8 No. 12
Research Capabilities and Extensions of CBPA Faculty members: Basis for Capacity Development Program	Dr. Gehana D. Lamug Ronnie E. Asis	International of Innovative Science and Research Technology	Volume 8 No. 12
The Impact of COVID-19 Lockdown on the Air Quality in Major Cities Across the World: A Brief Review	Dr. Roger Jay L. De Vela	Atmospheric Pollution	Volume 21
Ethnolinguistic Vitality of Manide Tribe: Basis of Proposing Educational Material Plan	Dr. Eduardo M. Abad Dr. Delma Jean V. Abad	International Journal of Language and Literary Studies	Volume 4 No. 2
Literacy Intervention for the Tribe Project Lift: Higher Education Institution Extension Program for Indigenous People	Dr. Eduard M. Abad	International Journal of Advanced Research (IJAR)	ISSN: 2320-5407

### **Institutional Journal**

#### ***Banyuhay***

Title of Research Published	Names of Faculty	Title of Journal	Volume/ Issue/ page

**CNSC Research Journal**

Title of Research Published	Names of Faculty	Title of Journal	Volume/ Issue/ page

**CHED accredited Journal**

Title of Research Published	Names of Faculty	Title of Journal	Volume/ Issue/ page

**Scopus**

Title of Research Published	Names of Faculty	Title of Journal	Volume/ Issue/ page
Determination of a Potential for the Installation of Small-Scale Wind Turbine in Barangay Bagasbas, Daet, Camarines Norte, Philippines	Engr. Joselito A. Olalo, PhD	ASEAN Engineering Journal	2586 - 9159
An Energy System Evaluation of Rural Electrification of Barangay Puray, Rodriguez, Rizal, Philippines	Engr. Joselito A. Olalo, PhD	ASEAN Engineering Journal	2586 - 9159
An Energy Audit Results of UP – Technohub Commercial Building Quezon City, Philippines	Engr. Joselito A. Olalo, PhD	ASEAN Engineering Journal	1513 – 718x

**Web of Science**

Title of Research Published	Names of Faculty	Title of Journal	Volume/ Issue/ page

**Non – ISI International Refereed Journal**

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Title of Research Published	Names of Faculty	Title of Journal	Volume/ Issue/ page
Utilization and Perception of Library in the Use of Electronic Resources: An Input Towards Digitalization of COTT Library	Poncian J. Puse, Jr. May Ann B. Maceda Gemaryl L. Balada	International of Innovative Science and Research Technology	Vol. 8 No. 12
Research Capabilities of a Technical Higher Education Institution in Bicol Region, Philippines	Ponciano J. Puse, Jr. Gehana D. Lamug, DBA	International of Innovative Science and Research Technology	Vol. 8 No. 12
Ethnolinguistic Vitality of Manide Tribe: Basis for Proposing Educational Material Plan	Delma Jean V. Abad, PhD Eduardo M. Abad, PhD	International Journal of Language and Literary Studies	Vol. 4 No. 2

#### ***Peer- Reviewed Journals***

Title of Research Published	Names of Faculty	Title of Journal	Volume/ Issue/ page

#### ***Recipients of Research Incentives***

Names of Faculty	Title of Research Published	Title of Journal	Amount
Engr. Joselito A. Olalo, PhD	Determination of a Potential for the Installation of Small-Scale Wind Turbine in Barangay Bagasbas, Daet, Camarines Norte, Philippines	ASEAN Engineering Journal 2586 - 9159	60,000.00
	An Energy System Evaluation of Rural Electrification of Barangay Puray, Rodriguez, Rizal, Philippines	ASEAN Engineering Journal 2586 - 9159	60,000.00

	An Energy Audit Results of UP – Technohub Commercial Building Quezon City, Philippines	ASEAN Engineering Journal 1513 – 718x	60,000.00
Reina A. Mabeza, MBA	Knowledge Management (KM) Practices of the Retail Industry in Camarines Norte, Philippines: A Descriptive Quantitative Analysis	Asia Pacific Management and Business Application	20,000.00
	Entrepreneur's Perspective in Coping with the New Normal: Basis for Business Model Development	European Online Journal of Natural and Social Sciences	20,000.00
	Awareness and Acceptability of Camarines Norte State College Vision and Mission, the Graduates School goals and objectives of Curricular Programs	International Journal of Multidisciplinary	20,000.00
Delma Jean V. Abad, PhD	Self-Paced Learning Practices during Educational Disruption in a Public Higher Education institution	East Asia Journal of Multidisciplinary Research (EAJMR)	20,000.00
Eugene O. Balindan, CPA	Implications of Accounting Information System to Financial Decision – Making among Small and Medium Enterprises in Daet, Camarines Norte	National Peer Reviewed Journal	15,000.00

**Number of Faculty Engaged in Research**

No.	Delivery Units	Name of Faculty	With completed	With on-going
1	CBPA	Mr. Emmanuel A. David	/	
2	CBPA	Mr. Crisanto S. Ramirez	/	/

3	CBPA	Dr. Gehana D. Lamug	/	/
4	CBPA	Dr. Girly H. Naval	/	/
5	CBPA	Ms. Jioshiela P. Magana	/	
6	CBPA	Ms. Gennevie L. Elep	/	
7	CBPA	Mr. Andrew Emmerson P. Abilgos	/	
8	CBPA	Mr. Eugene O. Balindan	/	/
9	COTT	Mr. Ponciano J. Puse Jr.	/	/
10	COED	Ms. Nicole Anne G. Panotes	/	
11	COED	Ms. Maria Elena Bidar	/	/
12	COED	Mr. Felomino Vicente T. Hernandez	/	
13	COTT	Ms. Melza R. Macayan	/	/
14	COTT	Mr. John Lester B. Sinangote	/	/
15	COTT	Ms. Melba R. Porbolan	/	/
16	CANR	Ms. Rohilyn Colenares	/	
17	CAS	Mr. Noel Alegre	/	/
18	ICS	Mr. Edgar Bryan Nicart	/	/
19	CANR	Dr. Arlene C. Alegre	/	
20	CANR	Dr. Ricardo D. Diño	/	
21	CBPA	Mr. Ronnie E. Asis	/	
22	CAS	Mr. Ronald J. Escasinas	/	
23	CAS	Ms. Ria P. Morales	/	
24	CAS	Ms. Marianne Mae I. Jalgado	/	
25	IFMS	Ms. Analyn B. Baldove	/	
26	IFMS	Ms. Jade O. Ocfemia	/	
27	IFMS	Mr. John Christopher C. Noliad	/	
28	COENG	Dr. Almira K. Velasco	/	/
29	CBPA	Ms. Ma. Reina A. Mabeza	/	/
30	IFMS	Mr. Darwin C. Biag	/	/
31	CBPA	Ms. Melissa S. Carbonell	/	
32	GS/COED	Dr. Adrian C. Guinto	/	
33	CBPA	Dr. Maria Cristina C. Azuelo	/	/
34	COED	Dr. Delma Jean V. Abad	/	/
35	COED	Dr. Eduardo M. Abad	/	/
36	COED	Dr. Jennifer S. Rubio	/	/
37	COED	Dr. Consuelo R. Saenz		/
38	CANR	Engr. Roger Jay L. DeVela	/	/

**On-going**

39	CAS	Dr. Melanie D. Bacuño	/	/
40	CBPA	Ms. Aireen V. Ablao		/
41	COED	Dr. Dolores C. Volante		/
42	COTT	Engr. Excelsa M. Fernandez		/
43	COTT	Ms. Lovewiselynn O. De La Cruz		/
44	GS	<b>Dr. Rusty G. Abanto</b>	/	/
45	COED	<b>Dr. Edwin R. Ichiano</b>		/
46	CANR	Mr. Melvin D. Angeles		/
47	CBPA	Ms. Mailyn Q. Alarcon		/
48	Entienza	Mr. Jesus P. Santillan	/	/
49	Entienza	Dr. Fernando H. Coratchea		/
50	COENG	Engr. Joselito A. Olalo, PhD	/	/
51	COENG	Engr. Floradelle A. Vega		/
52	COED	Dr. Jeovanie D. Tariman		/
53	COED	Dr. Judelin S. Alvarez		
54	COTT	May – Ann B. Maceda	/	/
55	COTT	Gemaryn L. Balada	/	/
56	GS	Dr. Marlo M. De La Cruz, PECE		/
57	COED	Leah N. Barbado	/	
58	ICS	Dr. Rosemarie T. Bigueras		/
59	ICS	Dr. Jocelyn O. Torio		/
60	ICS	Dr. Daniel E. Maligat		/
61	ICS	Mr. Bryan R. Arellano		/
62	CAS	Dr. Joy G. Arellano		/
63	ICS	Marc Lester Acunin		/
64	COED	Herman P. Sumaway	/	
65	COED	Zenyfe S. Paraiso	/	
66	COED	Gene F. Bonito	/	
67	COENG	Engr. Aser N. Dino	/	
68	COED	Dr. Edgar P. Aban	/	
69	Entienza	Jofhiline F. Dygico		/
70	CAS	<b>Jocelyn E. Trinidad, PhD</b>	/	/
71	CAS	<b>Aiza L. Castañeda, MA</b>	/	/
72	CAS	Rhodaviv V. Avila		/

**Researches 2023**

Delivery Units	Name of Faculty	Title of Research	Approved Budget
COED	Dr. Delma Jean V. Abad Dr. Eduardo M. Abad Ms. Maria Elena A. Bidar	Competence of Day Care Workers: Basis for Extension	85,000.00
GS	Ms. Maria Elena A. Bidar Dr. Rusty G. Abanto Dr. Roger Jay L. De Vela Dr. Jennifer S. Rubio Dr. Melanie D. Bacuño	CNSC Faculty Level of Job Satisfaction and Performance in the New Normal	75,000.00
GS	Ms. Maria Elena A.	The Environment	80,000.00

	Bidar Dr. Rusty G. Abanto Dr. Roger Jay L. De Vela Dr. Jennifer S. Rubio Dr. Melanie D. Bacuño	Audit of Camarines Norte State College	
CAS/CBPA/ COED	Dr. Rosalie A. Almadrones Ms. Aireen V. Ablao Dr. Delma Jean V. Abad	Building Cooperation and Unity: The Leadership and Governance Approach of Manide	115,160.00
COTT/COED	Ms. Lovewiserlyn O. De La Cruz Dr. Dolores C. Volante ENgr. Excelsa M. Fernandez Mr. Ponciano J. Puse, Jr. Ms. Brenda A. Castro Ms. Graciella G. Sanglay	Development of Queen Pineapple (ananas comosus) Churros	75,000.00
CBPA	Ms. Ma. Reina A. Mabeza	Students' Gender Expectations and Evaluation toward Thesis Advising and Mentoring Practices of the Local Thesis Advisory Committee (LTAC) in Camarines Norte State College	32,015.00
IFMS	Mr. Ronald O. De Lemios	Grammatical Cohesion of Fisherman turned Tour guides from the Lens of the Systematic Functional Linguistics	75,000.00
CANR	Engr. Roger Jay L. De Vela, PhD Engr. Sherwin Reyes Mr. Joshua B. Guinto	Drying of Tiger-Toothed Croaker (Otolithesruber) in a Tunnel – Type “ Solar Dryer with Wings”	75,000.00
CANR	Dr. Marlo M. De la	Risk Management	95,000.00

	Cruz, PECE Ms. Nicole Anne G. Panotes Mr. Melvin D. Angeles	and Assessment of Vinzons Municipal Stations: A Basis for Organization Development	
CANR	Dr. Roger Jay L. De Vela	Control Odor and Gaseous Emissions from Livestock Buildings: Review of Recent Research and Development around the World	75,000.00
CBPA	Dr. Maria Cristina C. Azuelo Ms. Mailyn Q. Alarcon Ms. Airene V. Ablao Ms. Ma. Reina A. Mabeza	Mediating Effects of ERB Theory in the Sustainable Waste Management Strategies of Selected Higher Education Institutions (HEIs) in Bicol Region	94,015.00
COED	Dr. Jennifer S. Rubio Dr. Consuelo R. Saenz Asst. Prof. Menchie I. Bernardo	Challenges Faced by the Camarines Norte State College Pre – Service Teachers during Post – Pandemic Internship	72,732.00
ENTIENZA	Mr. Jesus P. Santillan	Exploring Practices in Numeracy Education: Framework Formulation and Curriculum Enhancement for Pre-Service Teachers	38,568.00
ENTIENZA	Mr. Jesus P. Santillan	Formulation of Proof – Writing Algorithms in Geometry through Critical Analysis	49,498.00
ENTIENZA	Fernando H. Coratchea, PhD Mr. Jesus P. Santillan	Graduate School Students' Satisfaction, Stressors, and Coping Strategies: The Case of Camarines Norte State College	48,098.00
CBPA/COENG	Dr. Joselito A. Olalo,	Development of	150,000.00

	Dr. Girly H. Naval Dr. Gehana D. Lamug Engr. Floradelle A. Vega	Environment – Friendly Binder from Fruit Waste for Coco Coir Pot Production	
COED	Dr. Consuelo R. Saenz	Internet of Things (IoT) in School Management: A Bibliometric Analysis	57,100.00
COED	Mr. Joevanie D. Tariman	Parental Involvement in Online Learning: A Bibliometric Analysis	75,000.00

### **Research Linkages**

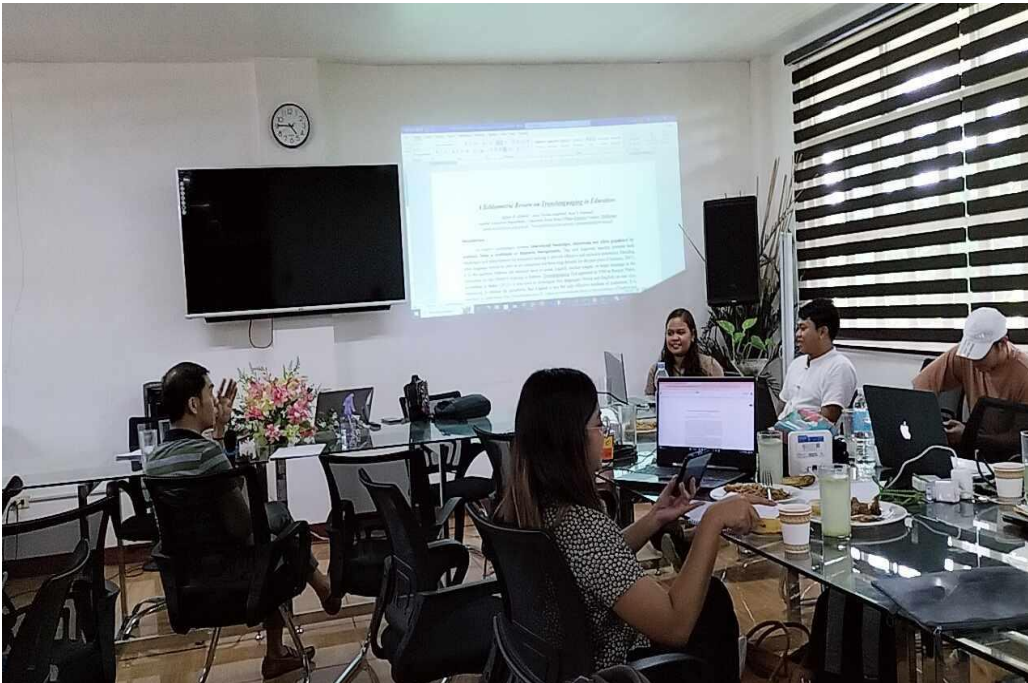
Name of SUC/ Agency	Nature of collaboration	Activities Conducted relative to collaboration
National Commission of Indigenous People (NCIP 5)	Research	<ul style="list-style-type: none"> <li>- Exploring the Socio-Economic Landscape of MANIDE: Narratives of their Strives and Strifes</li> <li>- Indigenous Peoples Market Integration and Selling Engagements: Concepts and Dynamics</li> <li>- Kinship terms and pattern of the Manide in the Province of Camarines Norte, Philippines</li> <li>- Building Cooperation and Unity: The Leadership and Governance Approach of Manide</li> </ul>
Bicol Consortium for Industry, Energy and Emerging Tehcnology Research Development (BCIEERD)		Strategic Post Harvest Research for Innovative and Novel Technologies for Horticulture Industry Development
Department of Agriculture (DA)		Development of QP Data Analytics and Recommender System for Effective Monitoring and

		Management (QP-DAREM)
Department of Agriculture (DA – PRDP)		Production and Technology Assessment of Seaweeds (ProTechASeaweeds) in Camarines Norte
Department of Science and Technology - PCAARRD		<p>Accelerated R&amp;D program for Capacity Building of Research and Development Institutions and Industrial Competitiveness: Niche Centers in the Regions for R&amp;D (NICER) Program: Queen Pineapple R&amp;D Center</p> <ol style="list-style-type: none"> <li>1. Detection Mealybug – Wilt Associated virus in Queen Pineapple (ananas comosus) using real – time PCR assay</li> <li>2. Resource Management Practices in Queen Pineapple production under various cropping systems and ecological condition: basis for sustainable development interventions</li> <li>3. Development of Farm Pest Detection, Classifications, and Management System for Queen Pineapple</li> <li>4. Transfer of Viable Queen Pineapple Technology</li> <li>5. Production Strategies and Gender Division of Labor among Small Queen Pineapple Farmers in Camarines Norte: Basis for Extension Program Development</li> </ol>

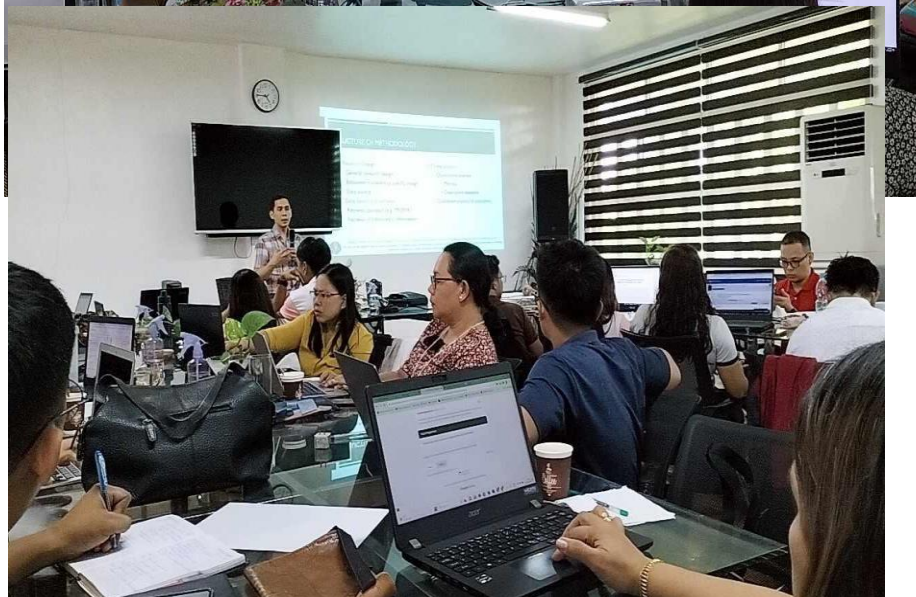
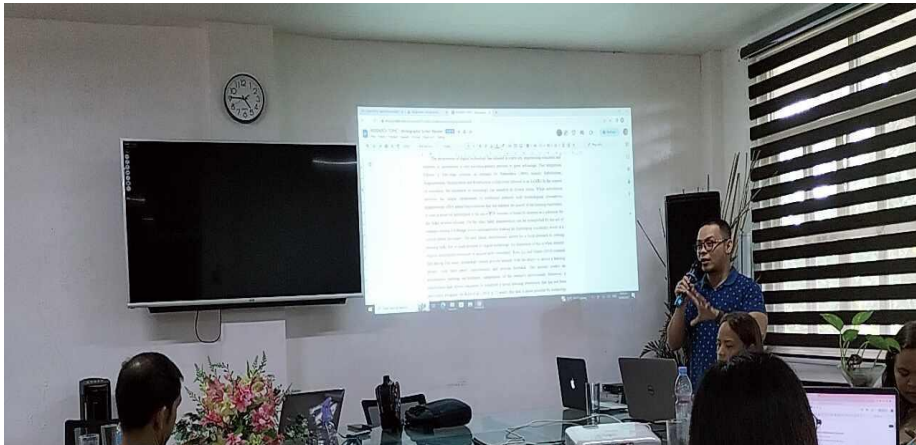


### ***Research Capability Building Conducted***

- a. Writeshop on Bibliometric Analysis with the theme: “Unleashing Research Excellence: Mastering Bibliometric Analysis for Academic Impact”

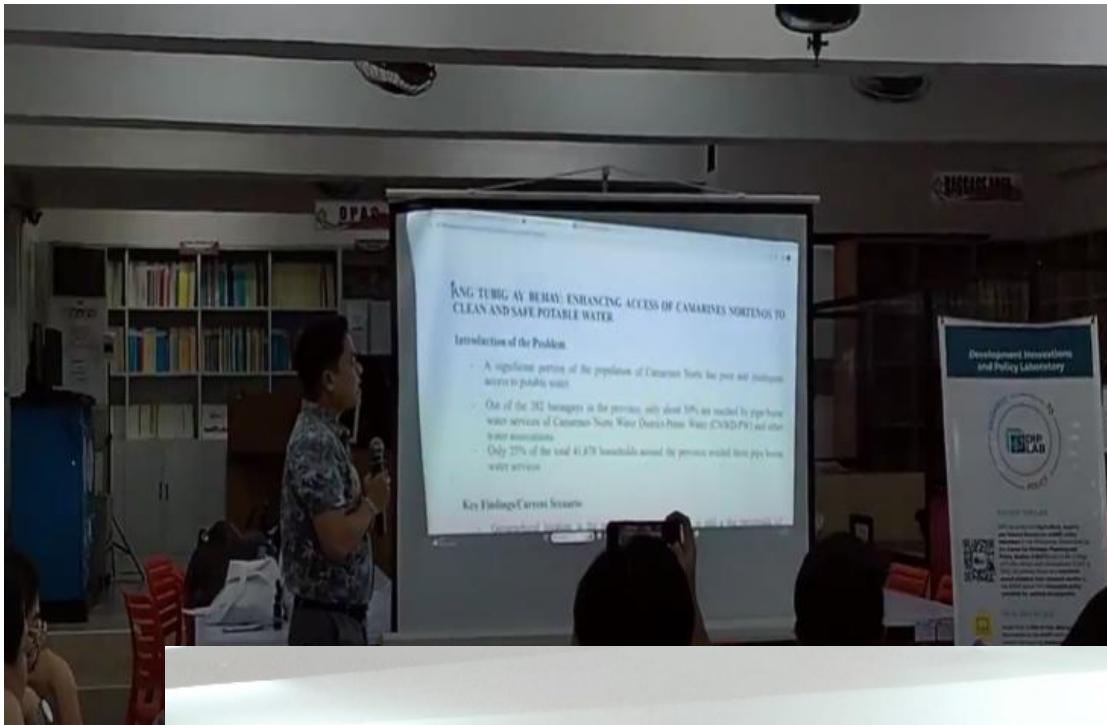








b. Writeshop on Policy Analysis













c. Training Workshop in Writing Publishable Research Paper and Translating Research Outputs into Policy Paper







