

SECOND QUARTER REPORT of the **PRESIDENT**



BOARD OF REGENTS



Hon. Aldrin A. Darilag CHED Commissioner Chariman, Board of Regents



Dr. Freddie T. Bernal Officer-In-Charge, CatSU



Hon. Santiago T. Gabionza, Jr. Representative of Sen. Emmanuel Joel Villanueva Chairman, Committee on Education



Hon. Hector S. Sanchez Representative of Cong. Mark O. Go Chairman, Committee on Higher and Technical Education



Hon. Agnes Espinas-Tolentino Director, NEDA V



Hon. Rommel R. Serrano Director, DOST V



Hon. Serelino T. Tasarra President, Faculty Faculty Union



Hon. Ramil Joselito B. Tamayo President, Federated Alumni Association



Hon. Aida A. Dianela Private Sector Representatives



Hon. Luzviminda T. Oropesa Private Sector Representatives



Mr. Renato M. Panti Board Secretary



Hon. Renz Mickenly T. Tanael Student Regent

Vision, Mission, Goals and Core Values

Under its mandate pursuant to RA 10229, CatSU shall primarily provide advanced education, higher technological, professional instruction and training in various fields. It includes trade, commerce, fishery, agriculture, arts and sciences, industrial technology, nursing, midwifery, education, engineering, public administration, and information technology; likewise, other relevant fields of study. In addition, the University shall carry out different research and extension services to help in the attainment of socioeconomic development.

<u>Vision</u>

A green university globally engaged in island research and innovations for societal advancement.

<u>Mission</u>

Foster excellence, hollistic outcome-based education complaint with the requirements of diverse world market and contribute to the development of productive and value-laden lives.

<u>Goal</u>

Uphold the tradition of excellence in instruction, research and production functions in an ecofriendly environment.

Core Values

As a state university, CSU conduct its ways guided by five (5) core values. These are : Social Responsibility, Excellence, Commitment, Respect, and Integrity.

- Respect The University honors the rights, beliefs and dignity of every individual to promote peace and harmony in the community.
- Integrity The University maintains the highest ethical standards and demonstrates honesty, objectivity and fairness at all times.
- Social Responsibility The University takes part in the collective duty in improving the quality of life in the society.
- Excellence The University commits to high standards in all aspects of its four-fold functions.
- Commitment The University continually thrives to achieve its vision, mission and goal based on its value system.

Quality Policy

The Catanduanes State University commits to satisfy its clientele and all applicable requirements through the continual improvement of its quality management system processes, ensuring excellence in instruction, research and community service for societal advancement.

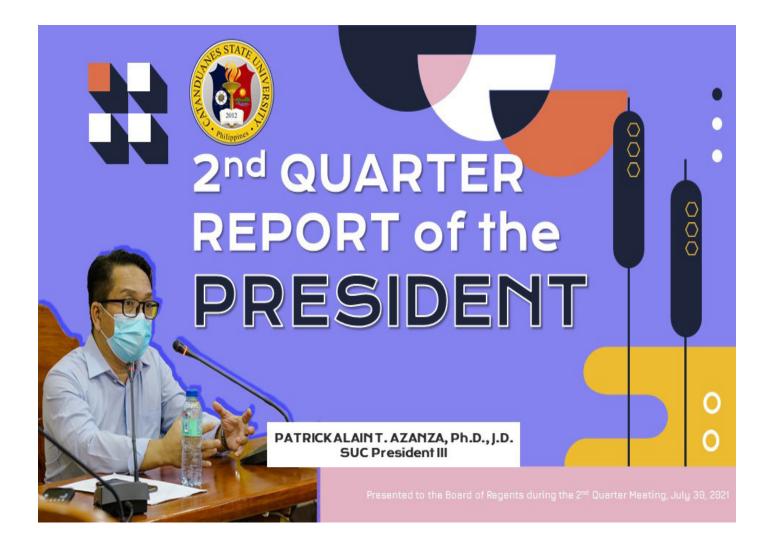


Table of contents

01. KRA1

Quality and Relevance of Instruction

> **03.** KRA 3

Technical Advisory and Community Engagement **O2.** KRA 2

Research and Creative Works

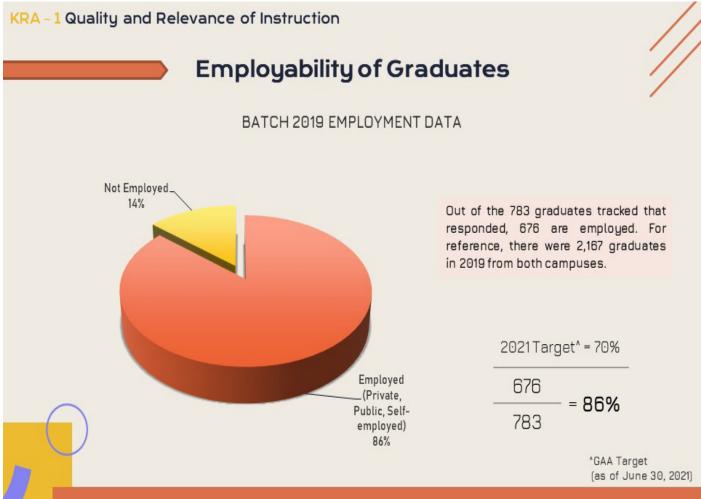


Governance and Management



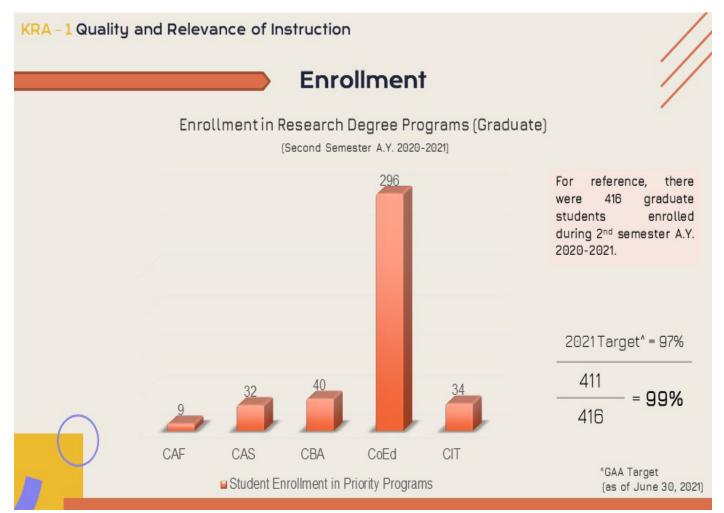
KRA - 1 Quality and Relevance of Instruction

The University continues to live-up to its vision of being dynamically driven by excellence in its instruction through quality education services provided to its students, making them proactive with their society's needs for development while instilling in them the values and moral principles that make them worthy global citizens.



2nd Quarter President's Report 2021





2nd Quarter President's Report 2021

KRA - 1 Quality and Relevance of Instruction

Status of Accreditation

Undergraduate

Academic Programs	Accreditation Status	
College of Agriculture and Fisheries		
Bachelor of Science in Agriculture	Level 2	
Bachelor of Science in Fisheries	Not Accreditable	
Bachelor of Science in Agribusiness	Not Accreditable	
College of Arts and Sciences		
Bachelor of Public Administration	Level 2	
 Bachelor of Science in Biology 	Level 2	2021Target^ = 73%
Bachelor of Science in Mathematics	Level 3	
Bachelor of Arts in Economics	Level 3	20 = 85%
Bachelor of Arts in Political Science	Level 3	25
Bachelor of Science in Environmental Science	Candidate Status	
		^GAA Target (as of June 30, 20)

KRA-1 Quality and Relevance of Instruction **Status of Accreditation** Undergraduate Accreditation Status Academic Programs College of Business and Accountancy Bachelor of Science in Accountancy Level 3 Bachelor of Science in Accounting Information System Candidate Status Bachelor of Science in Business Administration Level 3 Bachelor of Science in Entrepreneurship Level 2 Bachelor of Science in Office Administration Level 2 Bachelor of Science in Internal Auditing Not Accreditable College of Education Bachelor of Elementary Education Level 3 Bachelor of Secondary Education Level 3 Bachelor in Technical-Vocational Teacher Education Major in Candidate Status Food and Service Management Bachelor of Physical Education Not Accreditable Bachelor of Culture and Arts Education Not Accreditable 2nd Quarter President's Report 2021

Status of Accreditation

Undergraduate

Academic Programs	Accreditation Status
College of Engineering	
Bachelor of Science in Civil Engineering	Level 2
Bachelor of Science in Computer Engineering	Candidate Status
College of Health Sciences	
Bachelor of Science in Nutrition and Dietetics	Level 3
Bachelor of Science in Nursing	Level 3
College of Industrial Technology	
Bachelor of Science in Industrial Technology	Level 3
College of Information and Communications Tech	nology
Bachelor of Science in Information Systems	Level 2
Bachelor of Science in Information Technology	Level 2
Bachelor of Science in Computer Science	Not Accreditable

KRA – 1 Quality and Relevance of Instruction

Status of Accreditation

Undergraduate

Academic Programs	Accreditation Status
Panganiban Campus	
Bachelor of Elementary Education	Level 2
Bachelor of Science in Agriculture	Candidate Status
 Bachelor in Technical-Vocational Teacher Education Major in Food and Service Management 	Level 2

	Accreditation	
Academic Programs	Accreditation Status	
College of Agriculture and Fisheries		
Master of Arts in Agricultural Education	Candidate Status	
College of Arts and Sciences		
Master of Public Administration	Level 3	
College of Business and Accountancy		
Master in Business Administration	Level 2	
College of Education		2021Target^ = 50%
 Doctor of Education Major in Educational Management 	Level 2	8
Doctor of Philosophy in Educational Management	Candidate Status	= 57%
 Master of Arts in Education Major in Guidance Counseling 	Candidate Status	14
Master of Arts in Filipino Education	Level 1	^GAA Target (as of June 30, 2021)

College of Education	creditation Status
 Master of Arts in English 	Level 2
Master of Arts in Teaching Biology	Level 2
 Master of Arts in Teaching Chemistry 	Candidate Status
 Master of Arts in Teaching Physics 	Candidate Status
Master of Arts in Mathematics Education	Level 2
Master of Arts in Educational Management	Level 3
College of Industrial Technology	
 Master of Arts in Industrial Education 	Candidate Status

Other Accomplishment



Awards received by CatSU during the 27th CHED Founding Anniversary and National Higher Education Week (May 17-21, 2021)

- Plaque of Appreciation in recognition for the HEI's Best Practices on Flexible Learning per CMO no. 4, s. 2021, "Guidelines on the Implementation of Flexible Learning"
- 2. Plaque of Appreciation for Sharing its Best Practices on Gender and Development (GAD) Implementation per CHED Memo Order No., s. 2015, "Establishing the Policies and Guidelines on Gender and Development in the Commission on Higher Education and Higher Education Entities
- 3. Certificate of Appreciation for Participating in the Search for Higher Education Institutions with fully compliant Student Affairs and Services per CMO 9, s. 2013, "Enhanced Policies and Guidelines on Student Affairs and Services, and with efficient implementation of the Universal Access to Quality Higher Education per RA 10931

KRA 2 Research and Creative Works

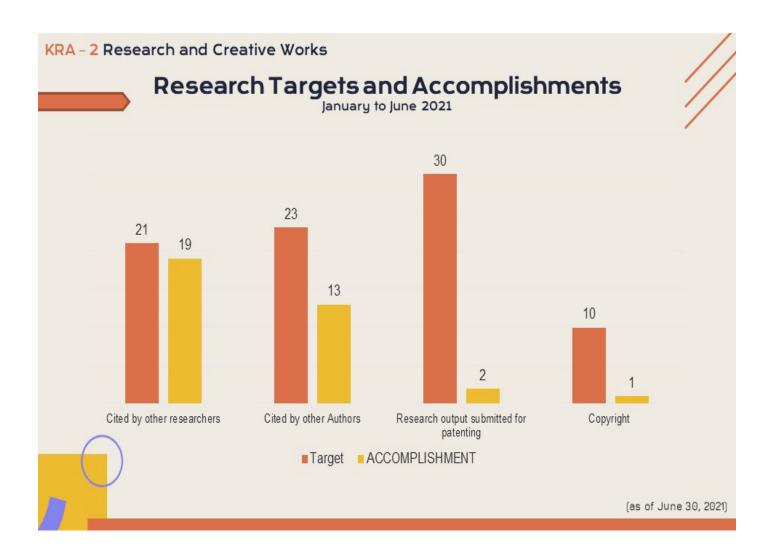
Responsive to our society's emerging needs, the research and development thrust of the University continues to evolve in that direction, taking to mind the conscious effort to instill a research culture among its faculty, students, and non-teaching staff. Research as a driver of academic excellence has scaled to newer paths as it takes a more dynamic focus.

Physical Accomplishment

	Performance Indicator	2021 GAA Target	1 st Quarter	2 nd Quarter	Total
Outcor	ne Indicator				
yea	nber of research outputs in the last three ars utilized by the industry or by other reficiaries	2	5	2	2
Output	Indicator				
	nber of research outputs completed within year	16	2	11	13
inte	centage of research outputs published in ernationally-refereed or CHED recognized mal within the year	33%	-	8% (1/13)	8% (1/13)

KRA - 2 Research and Creative Works **Research Targets and Accomplishments** January to June 2021 30 23 21 19 13 10 10 2 2 1 Research Proposal Completed Researches Presented to International, Published in International Research outputs utilized National, Regional, Local Refereed Journals/CHED Fora accredited Target ACCOMPLISHMENT (as of June 30, 2021)

2nd Quarter President's Report 2021



List of Research Proposals

Research Title	Author(s)
Preliminary Study on Blue Swimming Crab Fisheries in Catanduanes, Philippines	Recie B. Bonaos
Tilapia-Kangkong Culture: An Alternative Source of Income for Small Scale Farmers	Recie B. Bonaos Ma. Jugie Ramos Charlotte Francia Camacho
Design and Development of an Abaca Dryer	Jhomann U. Socito
Move Structure Analysis on Master's Thesis Abstracts in Catanduanes State University: Basis for Pedagogic Decision	Jimmylen Z. Tonio
Development and Production of Natural Hand Sanitizers and Ointment from Ethanolic Abaca Extracts Recovered from Organosolv pulping	Estrella T. Tribiana
Biodiversity Conservation in the Context of Watershed Forest Reserve Catanduanes Island, Philippines: Governance, Local Knowledge and Value Propositions	Sonia R. Sapico
Abaca Production Model as Linked to Three-Decade Changing Climate and Abaca Prices in Catanduanes	Glenn Paul R. Lopez

List of Research Proposals

Research Title	Author(s)
Abaca Farmer's Information System	Gemma G. Acedo
Decision Support System (DSS) for Client Satisfaction Survey Feedback for the College's Service Delivery Improvement: A Case of Catanduanes State University - College of Information and Communication Technology	
The Societal and Economic Impact: An Assessment of Basic Computer Literacy Training as Extension Program of the Catanduanes State University	Maria Antonia E. Rojas
Evaluation of Video Quality Utilizing PSNR and MOS of Lossy Compression Algorithms	Ma. Emmie T. Delluza
Physical and Sensory Changes in Pili (Canarium ovatum Engl.)	Monette DR. Tugay
SOW-Hy Tri-Cycle	Ramon S. Idanan Edwin T. Romero Jefferson E. Urbano
Mechanized Cake Icing Decorative Pattern Printing	Rachelle R. Talan Edwin T. Romero Aristeo T. Manlangit, Jr.

KRA – 2 Research and Creative Works

List of Research Proposals

Research Title	Author(s)
Self-efficacy and Academic Performance of Intermediate Pupils at CatSU Laboratory Schools Under Blended Learning Approach	Sarah Jane F. Gianan
Content Analysis of Completed Researches under the Research and Development Services of the Catanduanes State University, 2005-2020	Ramon Felipe A. Sarmiento Juanita V. Cervantes Nena V. Santos Bernadeth T. Garcia
* Impact Evaluation of Community Extension Programs of the College of Education Towards Community Development	Eric V. Evangelista Rosana S. Abundo Quennie Anne S. Molod Joseph G. Zafe Nenita T. Robles
* Flexible Learning Effectiveness: The Relationship between Student Characteristics, Design Features and Outcomes, the CAF Experience	Ruben P. Tablizo
* New Normal-Responsive Pedagogy of Higher Education in the Island- Province of Catanduanes	Lily P. Custodio Bernardino C. Abundo, Jr.

*Proposals submitted during 2nd quarter

List of Completed Research

	Research Title	Author(s)
1.	Pulp Recovery from Class J. JK and S2 Abaca Fibers from Abaca Cultivars in Catanduanes	Estrella T. Tribiana
2.	Developing Information, Education and Communication (IEC) and Instructional Material (IM) on Sustainable Competitive Advantage of SMEs	Lily P. Custodio Bernardino C. Abundo, Jr. Ma. Concepcion V. Marquez Glenn Paul R. Lopez
З.	* Grammar Sketch of Southern Catanduanes Bikol	Jimmylen Z. Tonio
4.	* Coastal Vulnerability Assessment of Climate Change Impacts in the Municipality of Virac, Catanduanes	Ricardo V. Arcilla, Jr. Ma. Cecilia T. Arcilla
5.	* Citizen's Awareness, Knowledge and Understanding of Human Rights Concepts	Aurora E. Araojo
6.	* Module on Historical Sites and Structures in Bicol Region: Development and Evaluation	Amy T. Moraña
	*Researches completed during 2 nd quarter	

KRA - 2 Research and Creative Works

List of Completed Research

Research Title	Author(s)
 Courtship Practices in Catanduanes: Then and Now 	Joseph G. Zafe Maricel S. Cariaso Dennis T. Teves Reimarl F. Fuentebella
*Enhancement Program for Mathematics	Karen A.Bañas Pedro R. Acilla, Jr. Ronnie B. Santelices
9. * Factors Affecting Pulp Oil Yield of Pili (Canarium ovatum Engl.) Fruits Produced in Catanduanes State University, Main Campus	Ma. Monette DR. Tugay Minerva I. Morales Lily P. Custodio Ruben P. Tablizo Ma. Concepcion V. Marquez Moreno D. Tabios, Jr.
10. * DC Electrical System of Solar Powered Residential Shanty	Edwin T. Romero Gregorio Eubra

List of Completed Research

Research Title	Author(s)
 * Understanding Climate Change Communication in Northeast of Catanduanes Contract Title: Understanding Climate Change Communication in Panganiban, Catanduanes Island, Philippines 	Jaymund M. Floranza
12. * Effects of Probiotics on the Growth Performance and Carcass Quality of Broilers	Zara J. Villasana
13. * Learning, Leisure and Living Sustainability (Project 3LS) Training on Flexible Learning Options (FLO) for Aquaculture I and II in the Bachelor of Science in Fisheries Program (BSFI) at the Catanduanes State University: I-Learning Delivery and II-Technology Integration	Jimmy T. Masagca

*Researches completed during 2nd quarter

KRA - 2 Research and Creative Works

List of Presented Researches

Research Title	Author(s)	Title of Conference / Forum / Symposium
1. Features of Filipino Infant Directed Speech (IDS) and Maternal Input	Jimmelyn Z. Tonio	3rd Linguistic Society of the Philippines International Conference (LSPIC 2021) March 11-13, 2021 -Fully digital conference via zoom
 Yield, Organoleptic Properties and Production Cost of Pulp Oil Extracted from Different Varieties of Pili (Canarium Ovatum Engl.) Fruits 	Ma. Monette DR. Tugay	International Multidisciplinary Research Conference on Education, Sciences and Arts (IMReCESA 2021) April 22-24, 2021 -Universidad de Sta. Isabel, Naga City

List of Published Researches

Research Title	Author(s)	Title of the Journal or Name of Publication	Vol No. & Issue No. ISSN/ISBN Number	Indicate where the Research Journal was recognized (Scopus/Science Direct/Thomson Reuters/Elsevier/ CHED Accredited Journal)
 Barangay Governance in Northeast of Catanduanes, Philippines: Basis for Catanduanes State University Panganiban Campus Extension Program 	Jaymund M. Floranza	European Journal of Social Impact and Circular Economy	Vol. 2, Issue 1, pp100-123 ISSN:2704-9906	Open-Access University of Turin DOI: 10.13135/2704- 9906/5058 http://www.ojs.unito. it/index.php/ejsice/i ndex

KRA – 2 Research and Creative Works

List of Research Output Utilized

	Research Title	Author(s)	Beneficiary (Partner Industry/Co mmunity)	Supporting Documents
1.	Barangay Governance in Northeast of Catanduanes, Philippines: Basis For Catanduanes State University- Panganiban Campus Extension Program	Jaymund M. Floranza	Academe - Bachelor of Elementary Education (BEEd-3)	Outcomes- Based Education (OBE) Course Syllabus in EEd320 - Research in Education
2.	Climate consciousness among tertiary students students: Implications to curriculum development	Jaymund M. Floranza	Academe - Bachelor of Elementary Education (BEEd-3)	Outcomes- Based Education (OBE) Course Syllabus in EEd320 - Research in Education

List of Research Outputs Applied for Patenting/Patented

	Research Title	Author(s)	Date Submitted	Patent Application No.	Category
1.	Portable Emergency Communication System	Dexter M. Toyado	January 19, 2021	2-2021-050024	Utility Model
2.	Mixed Nuts Flavored Yoghurt	Ma. Monette DR. Tugay	February 8, 2021	22021050078	Utility Model
З.	* Native Chicken Feed Formulated with Wild Yam (<i>Dioscorea Dumetorum</i>) and Ipil-ipil (<i>Leucaena Leucocephala</i>)	Ramon F. Samonte	June 25, 2021	22021050725	Utility Model

*Research output applied for patenting during 2nd quarter

KRA - 2 Research and Creative Works

List of Research Outputs Cited by Other Researchers/Authors

Research Title	Author(s)	Author(s) Who Cited the Research Output	Title of Article Where the Research Output Was Cited	Title of Journal
The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose 2. Tria	Cathy Mae Toquero	Emergency remote education experiment amid COVID-19 pandemic in learning institutions in the Philippines	International Journal of Educational Research and Innovation (IJERI)
The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	İbrahim Doyumğaç Ahmet Tanhan Mustafa Said Kiymaz	Understanding the Most Important Facilitators and Barriers for Online Education during COVID-19 through Online Photovoice Methodology	International Journal of Higher Education
The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose 2. Tria	Saleh Bajaba Khider Mandurah Mohammad Yamin	A framework for pandemic complaint higher education national system	International Journal of Information Technology
The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Hatice Zeynep Inan	Challenges of Distance/Online and Face-to-Face Education in the New Normal: Experiences of Reggio Emilia-Inspired Early Childhood Educators in Turkey	Pedagogical Research

2nd Quarter President's Report 2021

List of Research Outputs Cited by Other Researchers/Authors

Research Title	Author(s)	Author(s) Who Cited the Research Output	Title of Article Where the Research Output Was Cited	Title of Journal
The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Joseph Robosa Niña Ercie Paras Lhyza Perante Trizhia Alvez Jhoselle Tus	The Experiences and Challenges Faced of the Public School Teachers Amidst the COVID-19 Pandemic: A Phenomenological Study in the Philippines	IJARIIE
The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Adriel G. Roman	Challenges, Coping Strategies and Practices of Tertiary Faculty on Using Flexible Learning Modality in Teaching Mathematics During the Covid-19 Pandemic	International Journal of Current Research
The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Agustina Pali Finsensius Mbabho Marselina Wali	English for the Beginners di Era New Normal melalui Joyful Learning di SDI Turekisa, Ngada-Flores, NTT	Jurnal Publikasi Pendidikan http://ojs.unm.ac.id/i ndex.php/pubpend

KRA - 2 Research and Creative Works

List of Research Outputs Cited by Other Researchers/Authors

Research Title	Author(s)	Author(s) Who Cited the Research Output	Title of Article Where the Research Output Was Cited	Title of Journal
* The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose 2. Tria	Jerome V. Cleofas Ian Christopher N. Rocha	Demographic, gadget and internet profles as determinants of disease and consequence related COVID-19 anxiety among Filipino college students	Education and Information Technologies
* The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose 2. Tria	Surattana Adipat	Developing Technological Pedagogical Content Knowledge (TPACK) through Technology- Enhanced Content and Language- Integrated Learning (T-CLIL) Instruction	Education and Information Technologies
* The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Ian A. Llenares, Chester C. Deocaris, Custer C. Deocaris	Work Values of Filipino College Students	British Journal of Guidance & Counselling
* The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Mansi Babbar, Tushita Gupta	Respone of Educational Institutions to COVID-19 pandemic: An inter- country comparison	Policy Futures in Education

*Research outputs cited during 2nd quarter

List of Research Outputs Cited by Other Researchers/Authors

Research Title	Author(s)	Author(s) Who Cited the Research Output	Title of Article Where the Research Output Was Cited	Title of Journal
* The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Erni Munastiwi	Adaptation of Teaching-Learning Models Due to Covid-19 Pandemic: Challenge Towards Teachers Problem-Solving Skills	Jurnal Ilmiah Sekolah Dasar
• The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose 2. Tria	Ernie C. Avila Gracia J. Abin Glenda A. Bien Dominador M. Acasamoso Jr. Dorren D. Arenque	Students' Perception on Online and Distance Learning and their Motivation and Learning Strategies in using Educational Technologies during COVID-19 Pandemic	Journal of Physics: Conference Series
* The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Aaron A. Funa Frederick T. Talaue	Constructivist Learning Amid the COVID-19 Pandemic: Investigating Students' Perceptions of Biology Self-Learning Modules	International Journal of Learning, Teaching and Educational Research
* The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Jackjun Caupayan Angeline Pogoy	Unheard Stories of Deaf Students in Online Learning: A Phenomenological Study	SSRN
*Research outputs cited	during 2 nd quarter			

KRA - 2 Research and Creative Works

List of Research Outputs Cited by Other Researchers/Authors

Research Title	Author(s)	Author(s) Who Cited the Research Output	Title of Article Where the Research Output Was Cited	Title of Journal
• The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	K.P. Prakash K Selvakumari	An Intelligent Clustering Technique for Analysing the Performance of Students during Lockdown Period of Covid-19	Turkish Journal of Computer and Mathematics Education
• The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Nurfina Aznam Jumadi Jumadi Heru Nurcahyo Yusman Wiyatmo Riki Perdana	Motivation and Satisfaction Level of Graduate Student: The Blended Learning with Peer Tutor (BL-PT) Model in New Normal Era	Journal of Educational Science and Technology (EST)
* The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Reuben Bihu	Implications of COVID-19 Pandemic for Higher Education Institutions' Emergency Preparedness, Response and Recovery Mechanism (EPRRM) Contingency Plan: Relating Issues to Tanzania	Advance

*Research outputs cited during 2nd quarter

List of Research Outputs Cited by Other Researchers/Authors

Research Title	Author(s)	Author(s) Who Cited the Research Output	Title of Article Where the Research Output Was Cited	Title of Journal
* The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Chan, Joefrey R. Marasigan, Arlyne C. Santander, Neil T.	Multigrade teachers' experiences and learning assessments on modular remote teaching during the COVID-19	International Journal of Research Studies in Education
• The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Feddy B. Junsay Jr. Dennis V. Madrigal	Challenges and Benefits of Facilitating Online Learning in Time of Covid-19 Pandemic: Insights and Experiences of Social Science Teachers	Technium Social Sciences Journal
* The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Lynn M Besa Richard E Parcon	On Instructional Materials: The Pre- Service Teachers Preferences in Time of Pandemic	Basic and Applied Education Research Journal
* The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Erni Munastiwi	Adaptation of Teaching-Learning Models Due to Covid-19 Pandemic: Challenge Towards Teachers Problem-Solving Skills	Jurnal Ilmiah Sekolah Dasa
·Research outputs cited	during 2 nd quarter			

KRA - 2 Research and Creative Works

List of Research Outputs Cited by Other Researchers/Authors

Research Title	Author(s)	Author(s) Who Cited the Research Output	Title of Article Where the Research Output Was Cited	Title of Journal
* The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Gladys L. Panganiban Dennis V. Madrigal	Grappling with the learning modules: Experience of Public Elementary Pupils Attending English Written Modular Classes	Technium Social Sciences Journal
* The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose 2. Tria	Siti Arafat Agustina Pali	Joyful Learning Berbasis Picture Cards Meningkatkan Minat Belajar Siswa pada Pembelajaran IPS di Era New Normal	Mimbar PGSD Undiksha
* The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose 2. Tria	Christine Matthew Navarro Mary Jean Balba Jae In Kim John Addy Garcia	Exploring Filipino Senior High School Teachers' TPACK in Emergency Remote Teaching	EasyChair Preprint
* The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Junelynne U. Samson Kathleen Camilla E. David Robert B. Diaz Rick Donald Manzon Joefil Jocson	Infrastructure Evaluation Of Universities In Compliance With Occupational Safety And Health Standards, Pampanga, Philippines	International Journal of Progressive Research in Science and Engineering
*Research outputs cited	during 2 nd quarter			

List of Research Outputs Cited by Other Researchers/Authors

Research Title	Author(s)	Author(s) Who Cited the Research Output	Title of Article Where the Research Output Was Cited	Title of Journal		
* The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose 2. Tria	Eloisa Sandra B. Gerio Christopher Angel Gonzales Lyka Marie Nagum Althea Bridget Rufino Nicole Marnel Tadeo- Awingan Emmanuel Saludes Ellen Tiamzon Eugene Dayag	Academic Learning Process Between Face-To-Face And Online Class of Medical Technology Students During Pandemic	Psychological Applications and Trends		
• The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Ayberk Bostan Sarıoğlan Rabia Şen Rukiye Altaş	What do secondary school students think about experimental practices in science lessons taught in distance education?	Journal of Educational Technology & Online Learning		
• The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Isaac Jeoffrey J. Serrano	Negotiating authority in higher education distance learning using the Community of Inquiry (Col) during the COVID-19 Pandemic	Resesarchgate		
·Research outputs cited	*Research outputs cited during 2 nd quarter					

KRA - 2 Research and Creative Works

List of Research Outputs Cited by Other Researchers/Authors

Research Title	Author(s)	Author(s) Who Cited the Research Output	Title of Article Where the Research Output Was Cited	Title of Journal
* The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Mohammad Hamad Al- Khresheh	Reconceptualising the Elements of Effective English Language Teaching through the Lens of Pandemic Induced Online Teaching: An Exploratory Study of Jordanian EFL Teachers' Perceptions	Asian EFL Journal Research Articles
* The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose 2. Tria	Garry S. Lindo	Exploring Compatibility of Virtual Learning Modalities in Surigao del Sur State University, Cagwait Campus during the COVID 19 Pandemic	IOSR Journal of Research & Method in Education (IOSR- JRME)
* The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	M.C. Palma T.N.V. Escucha Z.B. Distor B.V. Tuyao A. Malaco J. Estrellan	Parental Academic Support in Online and Modular Learners Amidst Pandemic: A Comparative Study	Indonesian Journal of Community and Special Needs Education

2nd Quarter President's Report 2021

*Research outputs cited during 2nd quarter

List of Research Outputs Cited by Other Researchers/Authors

Research Title	Author(s)	Author(s) Who Cited the Research Output	Title of Article Where the Research Output Was Cited	Title of Journal
* The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Christian C. Halili	Buhay School Heads Ngayong Pandemya: A Qualitative Study on Educational Leadership under the New Normal Education	Global Education & Social Sciences Journal
• The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Excelsis Jee Balaza Hena Nace Cruz Juanna Ferraren Glenda Cañares Jeorgie Avila	Embracing the Challenges of Online Learning, Keeping the Passion for Teaching Burning: From the Lens of Private School Teachers	Resesarchgate
* The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Ronnel M. Gayon Denis A. Ten	Experiences of Higher Education Institution (Hei) Teachers in the Implementation of Flexible Learning	Sci.Int.(Lahore)
• The COVID-19 Pandemic through the Lens of Education in the Philippines: The New Normal	Jose Z. Tria	Crisanto E. Avila	Digital Inequity Survey to the Teachers Of St. Aloysius Academy of Dasmariñas: A Basis for Digital Trust and Intuition	Resesarchgate
*Research outputs cited	l during 2 nd quarter			

KRA - 2 Research and Creative Works

List of Research Outputs Cited by Other Researchers/Authors

Research Title	Author(s)	Author(s) Who Cited the Research Output	Title of Article Where the Research Output Was Cited	Title of Journal
* Lexical features and motivations of product reviews on selected Philippine online shops	Jimmylen Z. Tonio Ali G. Anudin Rochelle Irene G. Lucas	Myla L. Santos	The Linguistic Effects of Peer Editing as a Technique in Improving Collegiate Compositions	Indonesian Research Journal in Education
Biodiversity in the Kuroshio Region: Challenges and Trends in the Upstream	Kristian Q. Aldea, Minerva I. Morales Aorora E. Araojo Jimmy T. Masagca	Kentaro Ando, Xiaopei Lin Cesar Villanoy, Mikhail Danchenkov, Jae-Hak Lee Hui-Jun He, Qian Liu Yang Liu, Vyacheslav Lobanov, Xiao-Lin Ma, Hanung Agus Mulyadi, Akira Nagano, Jin-Ling Ren, Augy Syahailatua, Yongjun Tian, Lunyu Wu, Jing Zhang, Linlin Zhang, Meixun Zhao, Jingjing Zheng, Shuyang Ma, Wenxi Zhu	Half-Century of Scientific Advancements Since the Cooperative Study of the Kuroshio and Adjacent Regions (CSK) Programme - Need for a new Kuroshio Research	Progress in Oceanography

*Research outputs cited during 2nd quarter

List of Research Outputs Cited by Other Researchers/Authors

Research Title	Author(s)	Author(s) Who Cited the Research Output	Title of Article Where the Research Output Was Cited	Title of Journal
* Screening for drought-tolerant and low-input responsive upland rice landraces	BARBA R JR, MARQUEZ N, TABLIZO R	Jomar L. Aban	In Vitro Growth-promoting Properties of Non-dominant Root Symbiotic Fungi (ND-RSF) from Drynaria quercifolia L. and their Effects on PSB Rc10 Rice (Dryza sativa L.)	American Journal of Plant Sciences
* Feeding Ecology of Tree-Climbing Mangrove Sesarmid Crabs from Luzon, Philippines	Jimmy T. Masagca	Sophie J. Forgeron Aline F. Quadros Martin Zimmer	Crab-driven processing does not explain leaf litter-deposition in mangrove crab burrows	Ecology and Evolution
 The status of mollusk diversity and physical setting of the mangrove zones in Catanduanes Island, Luzon, Philippines 	Jimmy T. Masagca Angelica V. Mendoza Estrella T. Tribiana	Rika Anggraini Syahrial Ita Karlina Wandesi Mariati Dandi Saleky Yusyam Leni	Gastropoda test family of Neritidae as bioindicator to health status of mangrove forest Pulau Tunda Serang Banten, Indonesia	Acta Aquatica: Aquatic Sciences Journal

*Research outputs cited during 2nd quarter

KRA - 3 Technical Advisory and Community Engagement

The CatSU has been immersed at the forefronts of rural communities in extending its services arm to the needy and underprivileged sectors of society. Through different modes of technical assistance, livelihood trainings, values orientation, skills enhancement, etc. the University responds to these needs while making itself relevant to its mission of contributing to societal development.

Physical Accomplishment

Performance Indica	tor I	021 GAA Target	1 st Quarter	2 nd Quarter	Total
Outcome Indicator					
 Number of active partnerships industries, NGOs, NGAs, SMEs, a stakeholders as a result of ext activities 	and other	16	6	2	8
Output Indicator					
 Number of trainees weighted b training 	y the length of	2900	927	1799	2726
 Number of extension programs supported consistent with the mandated and priority program 	SUC's	10	2	4	6
 Percentage of beneficiaries wh training course/s and advisory satisfactory or higher in terms relevance 	services as	80%	100% (188/188)	100% (1050/1050)	100% (1238/1238)

KRA – 3 Technical Advisory and Community Engagement

Trainings Conducted

Title of Trainings	Venue	Beneficiaries	Date/No. of Days	No. of persons weighted by Length of Training
CAF- Landbank Country	side Development Foundation, Inc. (Spe	cial Project)		
Financial Literacy for Farmers and	San Vicente, Brgy. Plaza, Bagamanoc, Catanduanes	Farmers & Fisherfolks	April 10, 2021 (0.50)	44
Fisherfolks	BRDHS, Bagamanoc	Farmers & Fisherfolks	April 11, 2021 (1)	70
	San Rafael Elementary School, Bagamanoc, Catanduanes	Farmers & Fisherfolks	April 24, 2021	98
	San Rafael Elementary School, Bagamanoc, Catanduanes	Farmers & Fisherfolks	April 25, 2021	74
	Canlubi, Day Care Center, Pandan	Farmers & Fisherfolks	May 22, 2021	77
	Cobo Integrated School, Pandan	Farmers & Fisherfolks	May 23, 2021	82

KRA - 3 Technical Advisory a	nd Community Engagement
------------------------------	-------------------------

Title of Trainings	Venue	Beneficiaries	Date/No. of Days	No. of persons weighted by Length of Training
CAS – (SCREP - Shaping Communities th Development for Good Governance, Foo				lihood Skills
 Extension Tutorial for Elementary and Calatagan High School 	Calatagan Tibang, Virac, Catanduanes	Students	March 3, 2021	17
 Indak: Move to Learn, Learn to Move Tutorial 		Students	March 3, 2021	З
 Tutorial Activities of SILA and other School Age Children of Calatagan Tibang, Virac, Catanduanes 		Students	March 10, 2021	18
 Indak: Move to Learn, Learn to Move Tutorial 		Students	March 10, 2021	8
 Tutorial Activities for Elementary and High School Students 		Students	March 10, 2021	10
 Extension Tutorial for Elementary and Calatagan High School 		Elementary and High School Students	March 10, 2021	12
 Tutorial Activities of SILA and other School Age Children of Calatagan Tibang, Virac, Catanduanes 		Students	March 24, 2021	32

Title of Trainings	Venue	Beneficiaries	Date/No. of Days	No. of persons weighted by Length of Training
 Tutorial Activities for Elementary and High School Students 	Calatagan Tibang, Virac, Catanduanes	Students	March 24, 2021	18
9. Indak: Move to Learn, Learn to Move Tutorial		Students	March 24, 2021	2
10. Mathematics Cabability Enhancement for Student in the New Normal		Students	May 21, 2021	40
 Tutorial Activities for Elementary and High School Students 		Elementary and High School Students	May 21, 2021	20
12. Informercial: Wais Tips ng EKONOMIKS para sa Mapanuri at Matalinong Mamayan		Housewives and Youth, Students, farmers & Senior Citizens	May 21, 2021	80
13. Session 1: Child Maltreatment and Abuse		Students and Housewives	May 21, 2021	40
14. Session 1: Parenting Resilience, Parenting Intervention and Monitoring		Housewives, Students and Senior Citizens	May 21, 2021	40
15. Extension Tutorial for Elementary and Calatagan High School		Elementary and High School Students	May 21, 2021	20

Title of Trainings	Venue	Beneficiaries	Date/No. of Days	No. of persons weighted by Length of Training
CBA- Landbank Countryside Developme	nt Foundation, Inc. (Spe	cial Project)		
Financial Literacy Training	Sagrada, Bagamanoc, Catanduanes	Farmers & Fisherfolk	April 10, 2021	80
	Bugao, Elementary School, Bagamanoc, Catanduanes	Farmers & Fisherfolk	April 11, 2021	109
	Bacak, Bagamanoc, Catanduanes	Farmers & Fisherfolk	April 24, 2021	78
	Salvacion, Elementary School	Farmers & Fisherfolk	April 25, 2021	112
	Tabugoc, Pandan, Catanduanes	Farmers, Fisherfolk, Youth Leader, OSY & Brgy. Officials	May 22, 2021	90
	Porot, Pandan, Catanduanes	Farmers, Fisherfolk, Youth Leader, OSY & Brgy. Officials	May 23, 2021	115

KRA – 3 Technical Advisory and Community Engagement

Title of Trainings	AYWWAAN DO AWWERD AND AND AND AND AND AND AND AND AND AN		Date/No. of Days	No. of persons weighted by Length of Training
CHS - SALODOHCO				
1. Training on Health Education	Cavinitan, Virac, Catanduanes	Mothers, son, daughter & Fathers	March 12, 2021	16
	Calatagan Proper, Virac, Catanduanes	Students, Farmers, housewives & Senior Citizens	May 21, 2021	100
	Cavinitan, Virac, Catanduanes	BHW's, BNS, Brgy. Officials, mothers, fathers, Adolescence	April 10, 2021	21
CIT - Technological Response Actio	n to Barangay Accessil	bility for Job (TRABAJO)		
 Lecture on Sustainable and Healthy Food Innovations and Feeding Program 	Cavinitan, Virac, Catanduanes	BNS 4Ps beneficiaries, mothers, & Brgy. Officials	May 16, 2021	50
PC – Environmental Adaptation Thr (EAT-PC)	ough Technological Ski	ills Program Leading to a Proc	luctive and Susta	ainable Community
1. Solid Waste Management	San Joaquin, Panganiban	Fisherfolk, students, youth leaders & Brgy. Officials	June 5, 2021	18
2. Barangay Governance	Bacak, Bagamanoc, Catanduanes	Fisherfolk, students, youth leaders & Brgy. Officials	June 6, 2021	30

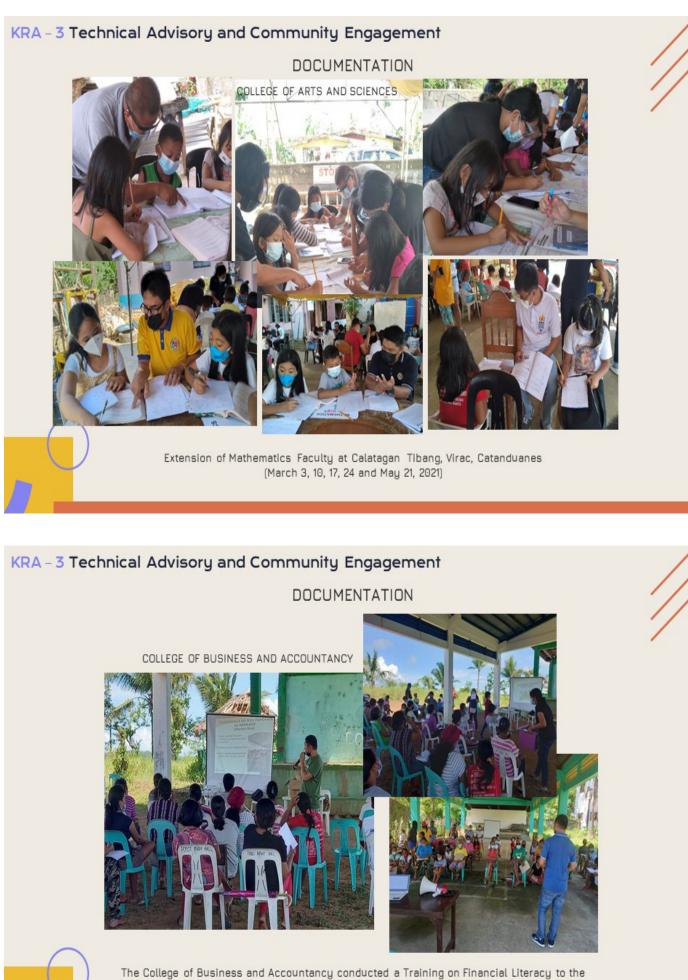


Seventy-one (71) participants from Brgy. San Vicente and 87 from Brgy. San Isidro attended the training on Financial Literacy held on April 10, 2020 at San Vicente and San Isidro Elementary School, respectively. The training were facilitated by Ms. Robelle M. Tapado and Ms. Nicca Aira A. Marquez. Mr. Joseph D. Tabiosas - the speaker discussed topics on financial literacy.

DOCUMENTATION



Meanwhile, 70 participants from Brgy. Antipolo attended the training on Financial Literacy on the second day at Bagamanoc Rural Development High School. The training were facilitated by Ms. Robelle M. Tapado and Ms. Nicca Aira A. Marquez. Ms. Ma. Jugie R. Ramos, the speaker, discussed topics on financial literacy.











College of Industrial Technology conducted a Lecture/Feeding program entitled "Lecture on Sustainable and Healthy Food Innovations and Feeding Program". Due to the widespread effect of Covid-19 pandemic, there is a significant shortage of food supplies and fluctuation of prices in basic goods and commodities in the market. More than the virus itself, people have been more scared of its long-term effects in our economy. Poverty is rising continuously due to mass lay-off of workers, fluctuation of goods and basic commodities in the market and small businesses are forced to close due close due to lockdown. While most people are mandated to stay at home during this time of pandemic, these simple recipes will give knowledge to the community on how to prepare sustainable and healthy foods out of the most available resources like relief goods from the government.

DOCUMENTATION

PANGANIBAN CAMPUS



Engr. Maria Johanna U. Socito, faculty extension officer of the Agriculture Department, acted as moderator for the Extension Activity on Solid Waste Management at Barangay San Joaquin, Panganiban, Catanduanes last June 5, 2021, Saturday.



The extended program on Solid Waste Management was designed by Prof. Rene T. Arisapa, Asst. Prof. II and Chairperson of the Education Department and Prof. Nemuel B. Borromeo, Gender and Development/NSTP Coordinator and Asst. Prof. III. They were also the Resource Speakers of the lectureseminar.



The evaluation of the extension program was made by the clients to measure the quality of training provided.





Turn-over of housing materials from the office of Vice President of the Philippines, Hatagi PH and Ateneo de Iloilo, donated to selected families of Calatagan Tibang, Virac thru the CatSU Extension Services. Turn-over of housing materials from the office of Vice President of the Philippines, Hatagi PH and Ateneo de Iloilo, donated to selected families of Calatagan Tibang, Virac thru the CatSU Extension Services.



CatSU AIRLINKS: UGNAYAN SA HIMPAPAWID 2021 (An Extension Program of CSU-Aired over DWDF-FM 94.3 Radyo Pilipinas) Every Wednesday and Last Friday of the Month

KRA 4 Governance and Management

In order to keep the operational wheel going into its desired direction of excellence and sustainability, a robust support services delivery in the administrative, finance, and human resource services of the institution must be in place and continuously effective, efficient and responsive. **KRA - 4 Governance and Management**

Appropriations, Obligations, and Disbursements

as of June 30, 2021

Destinutors	Available Appropriations	Allotment Releases				ins	Disbursement		
Particulars	Amount	Amount	% to Available	Amount	% to Allotment	Amount	% to Allotment	% to obligations	
CatSU	739,631	573,174	77%	369,558	64%	172,515	30%	47%	
Current Year	576,555	410,098	71%	228,023	56%	170,588	42%	75%	
PS	322,736	257,279	80%	154,271	60%	147,189	57%	95%	
MODE	82,067	81,067	99%	27,237	34%	23,384	29%	86%	
СО	171,752	71,752	42%	46,516	65%	14.37	0%	0%	
Prior Year	163,076	163,076	100%	141,535	87%	1,927	1%	1%	
CO	163,076	163,076	100%	141,535	87%	1,927	1%	1%	
\cap							in thousa	and pesos	

Note: There is NO continuing appropriation for PS

KRA – 4 Governance and Management

Appropriations, Obligations, and Disbursements (Fund 164)

Particulars	Approved Budget	Obligations		Disbursement			
	Amount	Amount	% to Approved Budget	Amount	% to Approved Budget	% to obligations	
PS	10,715	2,127	20%	1,502	14%	71%	
MODE	33,001	9,845	30%	8,523	26%	87%	
CO	64,407	18,714	29%	1,806	3%	10%	
GRAND TOTAL	108,123	30,687	28%	11,831	11%	39%	

in thousand pesos

Note: There is ND continuing appropriation for PS

KRA - 4 Governance and Management

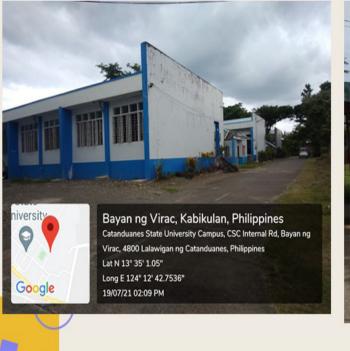
Financial/Physical Status Of Regular Capital Outlay Projects

	as of June 30, 2021				
Ne	Name of Designt	Financial Acc	Physical		
No.	Name of Project	Allotment	Obligation	Disbursement	Accomplishment
1	Repair/Rehabilitation/Retrofitting of College of Engineering Building	7,000	6,999	4,303	86.97%
2	Repair/Rehabilitation/Retrofitting of College of Agriculture and Fisheries Building	5,000	4,999	4,107	93.42%
3	Completion of College of Arts and Sciences Academic Building	27,600	24,985	7,718	35.05%
4	Completion of University Sports & Cultural Center (Grandstand Building B)	15,000	13,005	1,957	6.29%
5	Repair/Rehabilitation/Retrofitting of College of Agriculture and Fisheries Laboratory Building	46,750	45,496	17,102	54.60%
6	Completion of Buildings and Grounds Services (BGS) Building	5,000	4,706	2,780	92.53%
7	Completion of Main Library (Establishment of E-Library)	15,000	13,796	5,404	48.59%
8	Construction of Men's Dormitory	40,000	39,089	5,940	35.52%

KRA - 4 Governance and Management

Infra Photo Logs

Repair/Rehabilitation/Retrofitting of College of Engineering Building





Repair/Rehabilitation/Retrofitting of College

Infra Photo Logs

Completion of College of Arts and Sciences Academic Building Completion of University Sports & Cultural Center (Grandstand Building B)

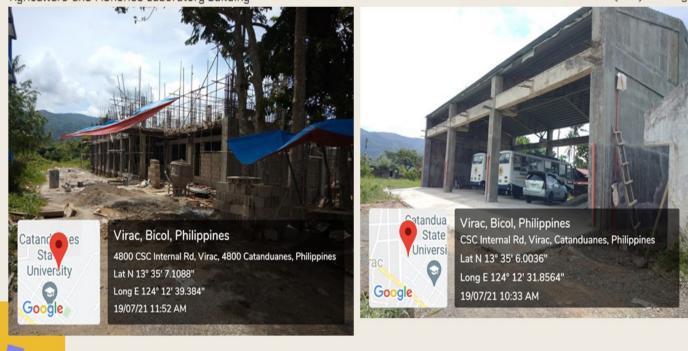


KRA - 4 Governance and Management

Infra Photo Logs

Repair/Rehabilitation/Retrofitting of College of Agriculture and Fisheries Laboratory Building





Infra Photo Logs

Completion of Main Library (Establishment of E-Library)

Construction of Men's Dormitory



KRA - 4 Governance and Management

Status Of Regular Capital Outlay Projects

as	of	June	30.	2021
40	01	04110	00,	LUL

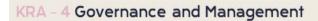
No.			Project	Duration	
	Name of Project	Status	Appropriation (in thousand pesos)	Calendar Days	Months
1	Completion of Sports Complex - Long Course Swimming Pool	Pending execution of contract agreement	54,000	245	8.17
2	Repair/Rehabilitation/Retrofitting of College of Education Laboratory School Building	Pending execution of contract agreement	84,650	255	8.5
3	Completion of Men's Dormitory	For issuance of Notice to Proceed (NTP)	25,000	225	7.5
4	Repair/Rehabilitation/Renovation/Retrofitting of ATIC Building (formerly FIDA Building)	For issuance of Notice to Proceed (NTP)	15,000	190	6.33
5	Repair/Rehabilitation/Retrofitting/Replacement of Food Laboratory Building	On-going post qualification evaluation	10,000	190	6.33
6	Repair/Rehabilitation/Retrofitting/Replacement of Extension Services Building	On-going post qualification evaluation	-	180	6
7	Completion of Technology Building A & B	For re-bidding	-	210	7











Perspective

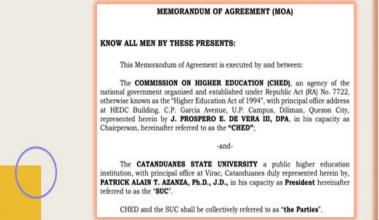
Completion of Technology Building A & B

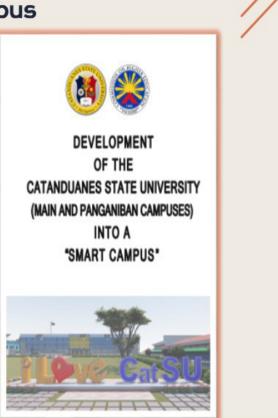


KRA – 4 Governance and Management

SMART Campus

As part of the ongoing efforts to provide flexible learning, CatSU submitted a SMART Campus proposal to the Commission on Higher Education (CHED) for financial assistance. Fortunately, CatSU was awarded a CEB Conditional Approval on June 22, 2021. The University is currently processing the Memorandum of Agreement (MOA) with CHED.





KRA – 4 Governance and Management

Catanduanes State University Agro-Industrial Economic and

Processing Zone

A Vision of **HOPE** for the Happy Island.

Comprehensive Campus Land Use Development and

Infrastru





The proposed development directions in CatSU's Comprehensive Land Use Development and Infrastructure Plan include:

- Center for Climate Change Adaptation and Disaster Risk Management and Resiliency Program
- 70-30 Development Scheme
 - 30%* of 335 hectares will be developed into CatSU Agro-Industrial and Economic Processing Zone
 - 70% of Nature Reserve, Protected Areas for future generation
- Use of Renewable Energy Resources
 - Harness Alternative Power Sources using Wind, Solar and Wave Technologies
- Fully-wired Campuses using Fiber Optics
- Integration of Eco-Tourism, Medical Tourism and Retirement Homes
- Priority Courses of the Government

KRA – 4 Governance and Management

The 64-hectare land to be used in the Virac Campus will feature:

64 hectares will be allocated in the Virac Campus while 225 hectares will be allotted in the Panganiban Campus

- Science, Engineering, and Architecture Complex
 Commercial Complex (3.5 has.) (10 has.)
- Education, College of Law, Business Administration, Arts and Sciences Complex (10 has.)
- Graduate Studies
- Health and Wellness Complex
 - College of Medicine and Health Sciences
 - Allied Health
 - Modern Medical Facilities
 - Nursing Home for Retirees
 - Medical Tourism
- Culture and Arts Complex (13.5 has.)
 - Catandungan Culture and Heritage
 - Nature and Theme Parks

- - Commercial Center and Student Park
 - Promotion of abaca, lasa, crabs and other local products
- Residential Complex
 - Faculty and Staff Housing
 - Student Dormitories
 - University Hostel
- Alumni Center
- Student Center
- Sports Complex
- Research and Development Complex
- Nature and Reserve for Future

40



Meanwhile, the 225-hectare land to be used in the Panganiban Campus will feature:

- Agro-Fisheries Complex
 - Multi-Hatchery Facilities (BFAR)
 - Abaca Technology Center (DOST)
 - Aquaphonics, Hydrophonics, Aerophonics
 Warehouse and Container Parking Technology (DA)
 - Field Laboratories
 - ✓ Poultry, Piggery, Goat, Swine, Fish
 - ✓ Cereals, Ricefields, Fruit Bearing Trees
- Forestry Complex
- Maritime Studies, Naval Architecture and Maritime Engineering Complex
- Residential Complex
 - Faculty and Staff Housing
 - Student Dormitories

- Catandungan Nature and Theme Park
- Student Center
- Shipyard
- Utilities Management
- Economic and Processing Zone (60 has.)
 - Post-Harvest Facilities
 - Manufacturing Facilities
 - Packaging Facilities
 - Abaca Processing Facilities
 - Ice Plant
 - Halal Center
 - Offices
 - Wastewater Treatment Facilities
 - Basic Utilities (Electrical, Water and Telecommunication)
- Nature and Reserve for Future









Management System ISO 9001:2015

www.tuv.com ID 9108633846