



TARLAC STATE UNIVERSITY ANNUAL REPORT

THRIVE, SERVE, UNITE: 115 YEARS OF EXCELLENCE
IN INCLUSIVE AND QUALITY EDUCATION

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IN INCLUSIVE AND QUALITY EDUCATION



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ISO 9001:2015
Quality Management System

• Proficiency in Quality Management
Philippine Quality Award

• Institutional Sustainability Assessment
CHED-OIQAG

• Level IV Institutional Accreditation
AACUP, Inc.



ABOUT THE COVER

The cover of Tarlac State University's annual report for 2021 features the university's entry to the ASEAN Mural Contest of the Commission on Higher Education Regional Office III during its regional competition titled "Padyak Goes Internationalization through ASEAN (PaGITAn)."

Said mural, which was completed in two days, is displayed on the second floor of the College of Architecture and Fine Arts building. It was painted by Fine Arts faculty members – Mr. Judeo Herrera, Mr. Edno Joson, and Mr. Jessie Tadeo, along with selected Fine Arts students, namely John Boriz Layug and Jerome Tubo.

Titled "KAPADYAK: Gearing Towards Success," the mural features the ASEAN logo and enjoined hands symbolizing unity inside the gears. The gears represent progress, work, and innovation which were used as wheels of the "Kapadyak" or "fellow cyclist."

The TSU logo is also painted in one gear which represents students, faculty members, university personnel, and administrators as "kapadyak" or partners in achieving victory for Philippine higher education.

Moreover, the arrows on the painting symbolize the university's direction towards its goals and ambitions. The upward direction of the arrow represents progress and improvement.

The design used red, blue, and yellow to mirror the Filipino spirit. Particularly, red was used to depict passion and love, blue for inspiration and wisdom, and yellow for happiness and joy.

This artwork is in line with the 2021 annual report's theme "Thrive, Serve, Unite: 115 Years of Excellence in Inclusive and Quality Education" which is about the journey of TSU towards becoming a SMART university through the unity and relentless service of the TSU community anchored on its vision of becoming a premier university in the Asia-Pacific Region.



Republic of the Philippines
TARLAC STATE UNIVERSITY
G. Romulo Boulevard, San Vicente
Tarlac City, Tarlac

March 31, 2022

HIS EXCELLENCY RODRIGO R. DUTERTE

President

Republic of the Philippines

Malacañan Palace

San Miguel, Manila

THRU: HON. J. PROPSERO E. DE VERA III

Chairperson

Commission on Higher Education

Your Excellency:

Greetings from Tarlac State University!

In compliance with the pertinent provisions of Republic Act No. 8292 or the Higher Education Modernization Act of 1999, the Tarlac State University is respectfully submitting the Annual Report for calendar year 2021.

This annual report presents the milestones and accomplishments of TSU as its contributions to the national and regional development goals towards the attainment of its vision to become a premier university in the Asia-Pacific Region. It is a holistic and reflective narrative of how the university thrived as an academic institution with quality education and services, served the community through research and extension, and united to become a premier and SMART university.

Tarlac State University is and will always be the university of the people, by the people, and for the people.

God bless you and God bless the Republic of the Philippines!

Very truly yours,

Yall.
DR. MYRNA Q. MALLARI
President



OVERVIEW

2021 is a year of hope – the kind of hope that fuels the TSU community to be at its best in this “now normal.”

The pandemic has been haunting the country for more than a year already. However, this did not stop Tarlac State University from raising the bar in providing quality education and allied services. This annual report is a testament as to how the university thrived, served, and united in contributing to the university's vision to become a premier university in the Asia Pacific.

In 2021, TSU did its best to serve the community. The university inaugurated the Food Technology and Research center (FTRC) and started innovative products to address food and nutrition needs. Moreover, TSU also leveled up in addressing environmental concerns by putting up the Climate Change Resilient and Ecological System Conservation Park popularly known as the TSU Lagoon. This serves as a sanctuary for migratory birds and several plant species as well as a recreational space for the TSU community.

Local and international partnerships have also been forged and strengthened this year. TSU took the lead in holding webinars and producing open educational resources (OERs) for the flexible learning set up through the FLASHEIR3 (Flexible Learning All-in-One Solution for Higher Education Institutions in Region III). In reinforcing the research culture, the university partnered with Daffodil International University of Bangladesh in the conduct of its 1st International Multidisciplinary Online Conference where numerous educational institutions and government agencies participated.

Meanwhile, the university also engaged in more quality assurance processes for this year. TSU underwent assessments with the Department of Trade and Industry's Philippine Quality Award (PQA), Accrediting Agency of Chartered Colleges and Universities' (AACUP) Institutional Accreditation with the goal of reaching a higher level, Times Higher Education Impact Rankings, and the periodic ISO 9001:2015 audit, among others.

In a span of one year with imposed restrictions on mobility, the university and the entire TSU community attained more than what it aimed. When it comes to dreaming and planning, restrictions and challenges are perceived as opportunities to leap forward, especially with the university's stakeholders in mind.

This year has taught TSU that unity can lead the institution to greater heights amid a myriad of hurdles. And this has been the mantra of TSU – to thrive, serve, and unite; to work together and become a SMART University that contributes to the wholistic community's improvement especially in the aftermath of this pandemic.



PRESIDENT'S MESSAGE

The Tarlac State University presents its Annual Report for Calendar Year 2021 to the People, President, and Congress of the Republic of the Philippines. This is in compliance to the Administrative Code, the TSU Charter, and other applicable laws, rules, and regulations.

As a government entity which is funded by the people's taxes and revenues – general appropriations and generated revenues, it is fitting and proper that the University's targets, accomplishments, and operations are documented, recorded, and reported in an annual and regular basis.

The University has long term, medium-term, and annual goals which need to be achieved, evaluated, and updated in the light of the 21st century, 4th industrial-revolution changes and challenges, and the proposed "Revised Tarlac State University Charter."

In 2021, the whole world continued to experience the onslaught of the pandemic caused by COVID-19 (coronavirus disease) and the University was no exception. Despite that, the academic, administrative, research, extension, and other related programs were successfully implemented, and new thrusts, challenges, and innovations were realized.

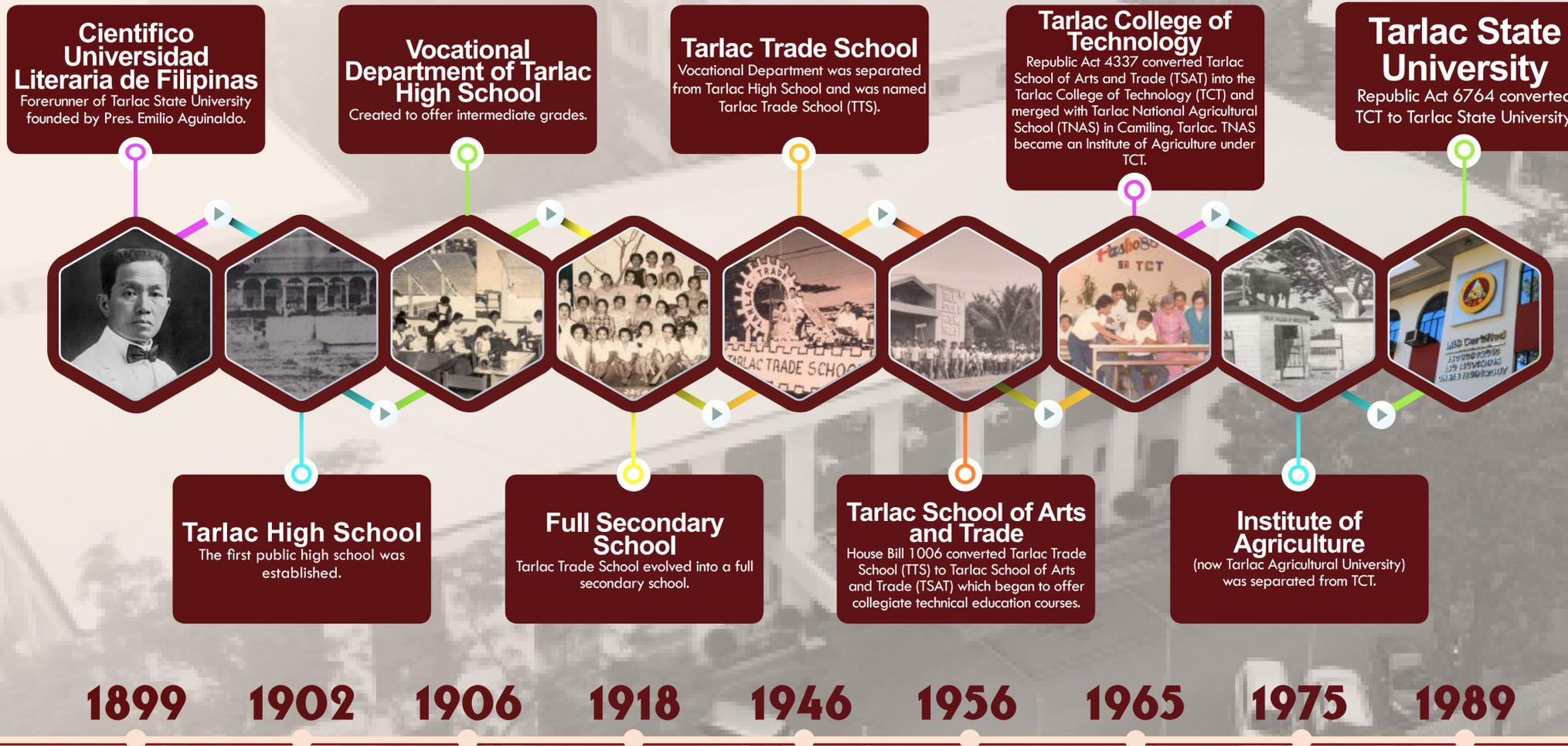
With the passing of Anno Domini 2021 and the transition to the future, the University rekindles its commitment of being the University of the People, by the People, and for the People as it realizes its vision of becoming a premier university in the Asia-Pacific Region as the 115th year of the University in 2021 is celebrated and commemorated since its early beginnings in 1906.

We thank Our Lord God Almighty for granting the Tarlac State University His relentless blessings and sparing us the heartaches we cannot bear. We continue to lift up to Him our greatest praises and adulations as we traverse the current paths towards life's journey called truth, compassion, and love. This is our continuing report for every year of God, by God, and for God.

God bless the students, personnel, alumni, Board of Regents, community partners, and other stakeholders of TSU – "The State University."

Mallari
MYRNA Q. MALLARI, DBA
PRESIDENT, TARLAC STATE UNIVERSITY

TARLAC STATE UNIVERSITY TIMELINE





VISION

The Tarlac State University is envisioned to be a premier University in the Asia Pacific Region.

MISSION

The Tarlac State University commits to promote and sustain the offering of quality and relevant programs in higher and advanced education ensuring equitable access to education for people empowerment, professional development, and global competitiveness.

Towards this end, TSU shall:

1. Provide high quality instruction through qualified, competent and adequately trained faculty members and support staff.
2. Be a premier research institution by enhancing research undertakings in the fields of technology and sciences and strengthening collaboration with local and international institutions.
3. Be a champion in community development by strengthening partnership with public and private organizations and individuals.

CORE VALUES

- E - xcellence and Enhanced Competence
- Q- uality
- U - nity
- I - ntegrity and Involvement
- T - rust in God, Transparency & True Commitment
- Y - earning for Global Competitiveness

QUALITY, ENVIRONMENT, and HEALTH and SAFETY (QEHS)

- The Tarlac State University is committed to improve continually for:
- Global competitiveness and excellence in the delivery of education, research, extension, training and consultancy services, hotel operation and administrative support services;
 - Safe and healthy working conditions to prevent injury and ill health of its employees, students, guests, visitors, suppliers, and contractors;
 - Management of environmental aspects towards the prevention of pollution;
 - Compliant to regulatory and statutory requirements for the utmost satisfaction of its valued customers.



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ROADMAP B

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01-06



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- Information Systems
- Network Communication/Connectivity
- Technical and Office Support

01-06



COVID-19 INITIATIVES

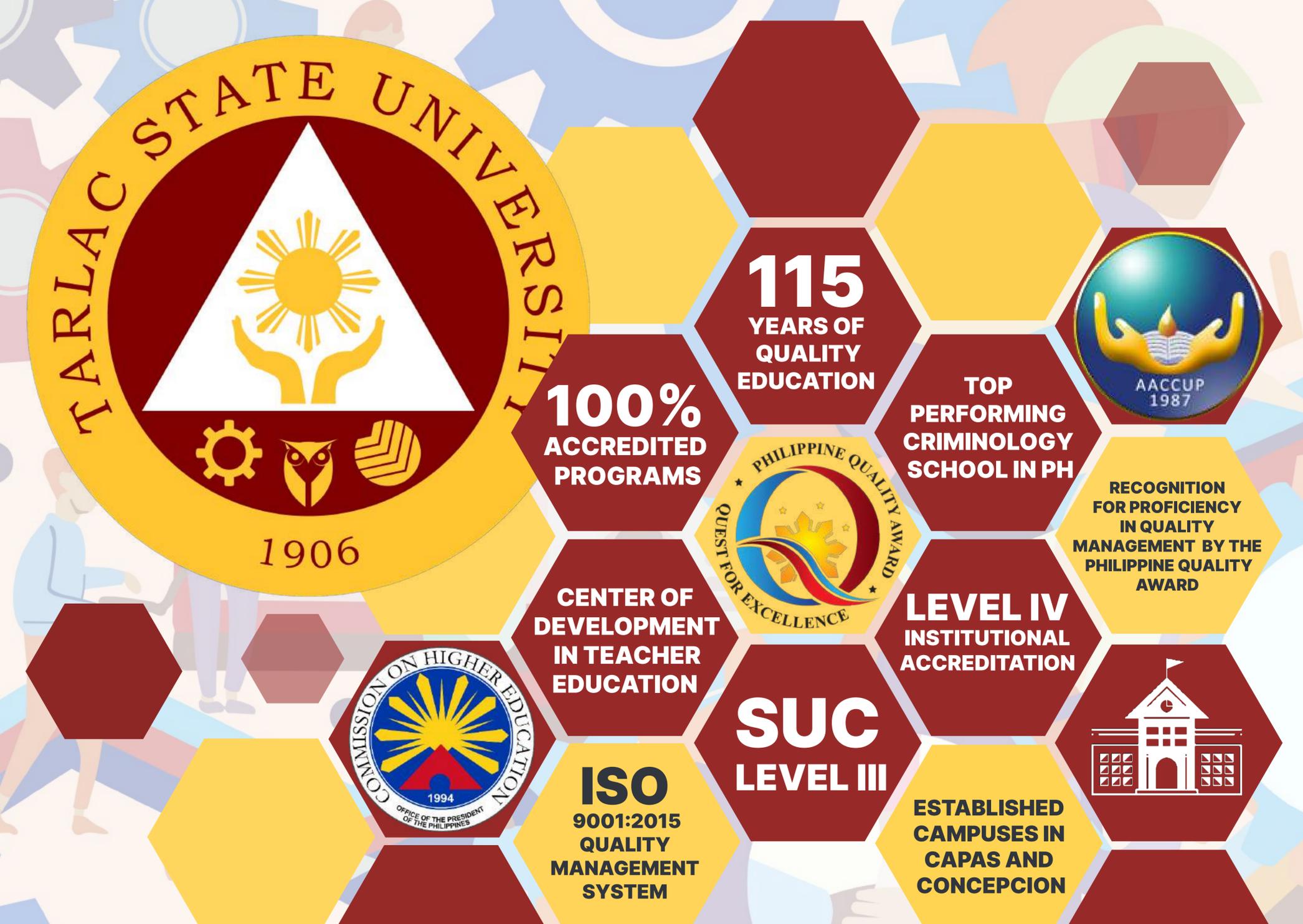
01-06



FEATURES

TSU BOARD OF REGENTS
TSU ADMINISTRATIVE COUNCIL
TSU OFFICES

01-06



ROADMAP A

RESOURCE MANAGEMENT DEVELOPMENT

Tarlac State University aims for the efficient utilization of its resources such as human capital, funding from the government, and land. For seven years, the university has been focusing on infrastructure and equipment development to make its campuses, buildings, classrooms, offices, and ground a conducive environment for the TSU community. Despite continued restrictions in mobility, the university ensured that its projects will be continued and completed.

Along with the physical aspect of the university, its financial status and budget management are also included in this roadmap which are essential in the success of its operations and governance.

Furthermore, developing human resources is also a must at TSU. Investing in people through scholarships, trainings, and seminars for professional and personal growth is one of the good practices of the institution which amounts to quality service whether in the delivery of education or office operations.

INFRASTRUCTURE/PHYSICAL DEVELOPMENT | JANUARY - DECEMBER 2021



INFRASTRUCTURE

ROADMAP A : RESOURCE MANAGEMENT DEVELOPMENT



Rehabilitation and Expansion of TLE Building

Contract Amount: P 18,964,695.40
 Variation Order: P 19,657.88
 Contractor: CAD Construction Corporation
 Duration: 300 CD with approved time extension of 90 CD
 No. of Approved Time Extension: 3
 Date Started: June 16, 2020
 Date Completed: July 11, 2021



Rehabilitation of the College of Education Building

Contract Amount: P 58,981,675.43
 Variation Order: P 727,490.25
 Contractor: CAD Construction Corporation
 Duration: 300 CD with approved time extension of 107 CD
 No. of Approved Time Extension: 5
 Date Started: June 17, 2020
 Date Completed: July 29, 2021



Rehabilitation/Renovation of Academic Building College of Architecture and Fine Arts Building

Contract Amount: P 47,674,361.20
 Contractor: R.B. Soriano Construction
 Duration: 200 CD with approved time extension of 398 CD
 No. of Approved Time Extension: 6
 Date Started: December 9, 2019
 Date Completed: August 18, 2021
 (with 20 calendar days subjected to liquidated damages)



Land and Road Network Improvement of San Isidro Extension Campus

Contract Amount: P 23,350,829.16
 Variation Order: P 2,322,067.36
 Contractor: Reasons Construction and Supplies/ Justlyn-Ralph Construction (Joint Venture)
 Duration: 300 CD with approved time extension of 305 CD
 No. of Approved Time Extension: 5
 Date Started: February 11, 2020
 Date Completed: October 8, 2021

COMPLETED PROJECTS
GAAA FUND

SPECIAL BUDGET FUND



Construction of Three-Storey Administration Office and Motorpool Building (Phase I)

Contract Amount: P 9,997,630.44
 Contractor: Primarch Builders
 Duration: 180 CD with approved time extension of 75 CD
 No. of Approved Time Extension: 2
 Date Started: October 13, 2020
 Date Completed: June 25, 2021



Construction of CCS PWD Ramp

Contract Amount: P 5,168,466.75
 Contractor: Justlyn-Ralph Construction
 Duration: 180 CD with approved time extension of 285 CD
 No. of Approved Time Extension: 5
 Date Started: February 11, 2020
 Date Completed: September 14, 2021
 (with 115 calendar days subjected to liquidated damages)

STATUS/PROGRESS REPORT OF ON-GOING PROJECTS



Refurbishment of Classrooms (Phase V)

Contract Amount: P 29,801,271.94
 Fund Source: MDS-Capital Outlay
 Contractor: Mantor Builders
 Duration: 300 CD with approved time extension of 60 CD
 Date Started: February 4, 2021
 Target Date of Completion: November 30, 2021 with time extension until January 29, 2022
 Status/Percentage of Completion: 45.51% accomplished
 Remarks: *On-going renovation of classrooms*



Completion of Food Technology and Research Center Building

Contract Amount: P 15,953,775.41
 Fund Source: MDS-Capital Outlay
 Contractor: Orientech Construction & Development Corporation
 Duration: 240 CD with approved time extension of 45 CD
 Date Started: April 22, 2021
 Target Date of Completion: December 17, 2021 with time extension until January 31, 2022
 Status/Percentage of Completion: 73.56% accomplished
 Remarks: *On-going construction*

STATUS/PROGRESS REPORT OF ON-GOING PROJECTS



Completion of Three-Storey Administration Office and Motorpool Building

Contract Amount:	P 9,406,039.52
Fund Source:	Special Budget
Contractor:	Jam-C Builders
Duration:	180 CD
Date Started:	September 28, 2021
Target Date of Completion:	March 26, 2022
Status/Percentage of Completion:	41.04% accomplished
Remarks:	<i>On-going construction</i>



Installation of Solar Harvesting System On-Grid at San Isidro Campus (CCA/CAFA)

Contract Amount:	P 16,885,284.29
Fund Source:	MDS-Capital Outlay
Contractor:	Brave Energy Inc.
Duration:	300 CD
Date Started:	September 29, 2021
Target Date of Completion:	July 26, 2022
Status/Percentage of Completion:	25.56% accomplished
Remarks:	<i>On-going delivery of materials</i>

TSU INAUGURATES FTRC, WELCOMES CHED CHAIRPERSON DE VERA



Tarlac State University administration held the inauguration of its Food Technology and Research Center (FTRC) last January 29, 2021 at the TSU Lucinda Campus with Commission on Higher Education (CHED) chairperson Dr. J. Prospero "Popoy" De Vera III gracing the event as the guest honor and speaker.

Chair De Vera led the ribbon cutting of the FTRC together with DOST III Regional Director Dr. Julius Caesar Sicat, CHEDRO III OIC-Director Dr. Maria Teresita Semana, UNIFAST-CHED OIC-Executive Director IV Atty. Ryan Estevez, TSU regent and provincial board member Hon. Dennis Go, President Mallari, and other TSU officials. Meanwhile, the blessing of the building was officiated by Most Rev. Enrique Macaraeg, D.D with Rev. Fr. Jason Aguilar.

Orientation on Property Accountability (June 2-4, 2021)



Inventory of Supplies and Materials (January and July 2021)



Delivery and Issuances of Supplies and Materials



Delivery and Issuances of Property Plant and Equipment



Donation (January 2021)





FINANCE

ROADMAP A : RESOURCE MANAGEMENT DEVELOPMENT

FINANCIAL HIGHLIGHTS	AMOUNT
Consolidated Assets	₱1,886,454,026.09
Liabilities	₱211,929,509.95
Government Equity	₱1,674,524,516.14
Total Income	₱875,874,908.16
Expenses	₱681,993,008.32
Unexpected	₱193,881,899.84

INDICATORS	PLANNED	ACTUAL
No. of Vouchers Processed	5820	5801
No. of Report of Checks Issued	832	607
No. of Report of Collection and Disbursement	180	92
No. of Re-assessment of Student Fees Processed Conducted	3387	5691
No. of Refund of Fees Processed	12	35
No. of Tax Remittances Reported	79	72
No. of Liquidation Reports Prepared	89	59
No. of Evaluated Book Value of PPEs	802	843

FINANCIAL TARGETS AND ACTUAL ACCOMPLISHMENTS

FISCAL YEAR 2021 ALLOTMENT AND OBLIGATION (GAA)

PARTICULARS	ADJUSTED APPROPRIATION	OBLIGATIONAL AUTHORITY	ACTUAL OBLIGATION	ACTUAL DISBURSEMENT	BUDGET UTILIZATION RATE (BUR)	
					OBLIGATIONS VS ALLOTMENT	DISBURSEMENT VS OBLIGATION
PS	358,421,009.00	358,421,009.00	357,515,458.90	357,061,437.30	99.75%	99.87%
MOOE	137,579,989.00	136,579,989.00	78,899,119.53	75,444,252.26	57.77%	95.62%
CO	106,672,000.00	95,672,000.00	89,311,593.57	48,212,625.37	93.35%	53.98%
TOTAL	602,672,998.00	590,672,998.00	525,726,172.00	480,718,314.93	89.00%	91.44%

FISCAL YEAR 2021 ALLOTMENT AND OBLIGATION (INCOME)

NATURE OF INCOME	FY TARGET		JANUARY - DECEMBER COLLECTION PERFORMANCE			
	IMMEDIATELY PRECEDING YEAR	CURRENT YEAR	IMMEDIATELY PRECEDING YEAR	CURRENT YEAR	IMMEDIATELY PRECEDING YEAR	CURRENT YEAR
Tuition Fees	185,266,000.00	261,500,000.00	101,355,961.85	268,287,906.26	54.71%	102.60%

	BEGINNING BALANCE	RECEIPTS	TOTAL AVAILABLE	INCOME UTILIZATION	UTILIZATION RATE
INTERNALLY GENERATED INCOME	562,536,342.49	290,873,077.93	853,409,420.42	166,789,246.14	19.54%

FISCAL YEAR 2021 ALLOTMENT AND OBLIGATION (GENERAL APPROPRIATIONS ACT)

GAA	ALLOTMENTS	OBLIGATIONS
PS	358,421,009.00	357,519,909.48
MOOE	136,579,989.00	78,899,119.53
CO	95,672,000.00	89,311,693.57
TOTAL	590,672,998.00	525,730,722.58

FISCAL YEAR 2021 ALLOTMENT AND OBLIGATION (SPECIAL BUDGET)

SB	ALLOTMENTS	OBLIGATIONS
PS	45,030,835.89	44,583,458.32
MOOE	146,772,359.23	97,588,480.30
CO	531,455,416.91	24,617,307.52
TOTAL	723,258,612.03	166,789,246.14

CASHIERING

The following is the annual collections/deposits and disbursements of TSU funds posted daily to respective books of accounts (Cash Receipts Records & Disbursement Record). Daily Report of Collections and Deposits (RCD), Report of Checks Issued (RCI), and Report of Advice to Debit Account Issued (RADAI) were also prepared and submitted to concerned offices. All transactions are done in accordance with the prescribed government accounting and auditing procedures.

	Date	MDS-R	SPECIAL BUDGET (SB-DBP)	SPECIAL BUDGET (SB-LBP)*	PRODUCTION (BASO) (PHP)	PRODUCTION (USD)	TRUST FUND
Beg. Book Balance	1/1/2021	0.00	65,344,814.40	347,618,104.81	16,229,023.62	522,195.36	42,258,090.58
Add: Deposits			860,149,568.78	5,459,058.65	7,852,429.07	29,448.24	82,933,727.55
Interests			404,017.68		12,412.16	66.75	33,352.51
NCA		555,409,000.00					
Total		555,409,000.00	925,898,400.86	353,077,163.46	24,093,864.85	551,710.35	125,225,170.64
Less: Checks Issued		96,953,860.52	232,190,647.23		9,085,418.67		60,167,735.47
ADA Issued		446,711,999.75					
EFPS (VAT/CIT)							
HDMF E-Gov			2,843,103.77		13,731.14		
Manager's Checks			7,587,503.69	353,077,163.46	144,336.98		
Bank Transfer			140,372.45			550,710.00	
Telegraphic Transfer							
Reverted MDS-Fund		11,743,139.73					
Total		555,409,000.00	242,761,627.14	353,077,163.46	9,243,486.79	550,710.00	60,167,735.47
Ending Book Balance	12/31/2021	0.00 PHP	683,136,773.72 PHP	0.00 PHP	14,850,378.06 PHP	1,000.35 USD	65,057,435.17 PHP

TSU INVITES STAKEHOLDERS TO BUDGET FORUM



Guided by the university's core values on transparency and true commitment, the Tarlac State University Administration organized a budget forum with stakeholders for fiscal year 2022 held via Zoom on March 5, 2021.

The said university-level budget forum is intended to inform and update stakeholders on the budget utilization of TSU and its priority projects for 2021 and 2022 to ensure the equitable use of government fund.



2021 NEWLY APPROVED SCHOLARS AND FINANCIAL ASSISTANCE GRANTEES

2021 APPROVED FACULTY SCHOLARS

NO.	NAME	COURSE	SCHOOL	SCHEME	PERIOD
1	Quiballo, Andie Rafael E.	Doctor of Education major in Guidance and Counseling	Pangasinan State University	Scheme B	August 2021 to July 2022
2	Santillan, Bertrand Aldous L.	Doctor of Philosophy major in Environmental Science	University of the Philippines Los Baños	Scheme A	September 13, 2021 to September 12, 2025

2021 FINANCIAL ASSISTANCE GRANTEES

NO.	NAME	COURSE	SCHOOL	TYPE OF ASSISTANCE
1	Embesan, Socrates A.	Doctor of Education major in Educational Management	Tarlac State University	Dissertation Financial Assistance
2	Calub, Francelle L.	Doctor of Philosophy major in Language Education	Saint Louis University	Dissertation Financial Assistance

EXECUTIVE, FACULTY AND PERSONNEL DEVELOPMENT

ROADMAP A : RESOURCE MANAGEMENT DEVELOPMENT



LIST OF 2021 IN-HOUSE TRAINING

HUMAN RESOURCES DEVELOPMENT AND MANAGEMENT OFFICE



TITLE OF TRAINING	DATE IMPLEMENTED	IMPLEMENTING OFFICE/ COLLEGE	
1	Orientation on Different Features/Systems of Employee Portal	01/15/2021	MISO
2	Capacity Development Seminar on SUC Levelling and PBB Evaluation	01/27/2021	ESMO
3	Enhancing Skills on Flexible Learning (MS Teams) TOS/Rubrics and Syllabi-Making	02/11/2021	CBA
4	Capacity Building Webinar	02/17/2021	CBA
5	Basic First Aid (13 Bandaging Techniques)	02/22/2021	NSTP
6	Data Privacy Act of 2021 and social media Vs. Data Privacy	03/04,11,17, and 24/2021	DPO
7	Juan at Juan Laban sa Pandemya, Kaya! A Webinar on Mental Health and Well-Being in the Workplace	03/19/2021	GAD
8	Capacity Building on ESMO Project Monitoring, Evaluation and Reporting System	03/26/2021	ESMO
9	Spiritual Care and Wellness: Juan at Juana sa Being in the Workplace	03/30/2021	GAD
10	Foundation Course on Intellectual Property	04/08/2021	TDTCO
11	Online Basic Research Ethics	04/20-21/2021	RERC
12	Awareness Orientation on QMS Documentation Information	04/23/2021	QMSO
13	Refresher Course for Designated Documentation Control Coordinator and Orientation to Designated Alternate Document Control Coordinators	04/21 and 24/2021	QMSO
14	Selecting, Developing, and Validating Research Instruments	04/26/2021	CASS
15	Pause and Breath: A Mental Health Webinar	05/26/2021	OIA
16	Online Orientation on Property Accountability, Inventory Procedures, Disposal and Appraisal for TSU Employees	06/02-04/2021	SPMU
17	Training on Research Proposal Writing Using Data Mining Techniques	06/02/2021	URO
18	In-Service Training and Workshop on Enhancement of Clinical Teaching Competencies	06/10/2021	COS
19	Research Publication in an International Journal of Good Standing	06/17/2021	URO/HRDMO
20	Positive Psychology: Managing Stress during the Pandemic and Achieving Mental Health	06/22/2021	HRDMO

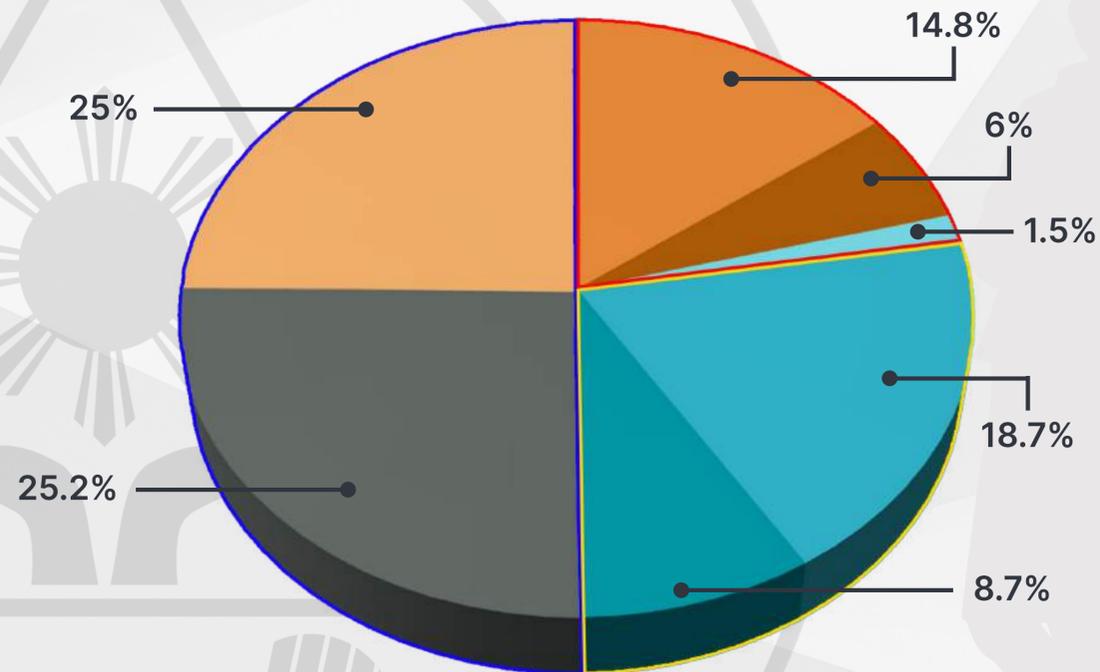
21	Review and updating of Documentary Requirements on Context Organization	06/22-25/2021	QMSO
22	Review and Updating of Documentary Requirements on Context of the Organization (COTO)	06/22-24/2021	QMSO
23	Capacity Development on the Preparation of Accreditation Documents on Area VI – Extension and Community Development	06/25/2021	ESMO
24	Review and Updating of Documentary Requirements on QMS Risk Assessment	06/29 – 07/02/2021	QMSO
25	Webinar-Workshop on Gender Analysis (GA) and GAD Tools	07/16/2021	GAD
26	Training and Research Publication to Mindanao Journal Science and Technology	07/12, 19, and 26/2021	URO
27	Necessity and Legality of Non-Disclosure Agreement	07/11, 13, 18, and 20/2021	HRDMO
28	OBTL and Syllabus Calibration	08/10/2021	CASS
29	Demonstration Seminar of 3M Molecular Detection System	08/26/2021	FTRC
30	Customer Service in the New Normal	09/07/2021	HRDMO
31	Philippine Information Agency	09/15-16/2021	OPA
32	Training Workshop on Report Preparation and Data Visualization	10/01/2021	URO
33	Training on Research Publication to ABLESS Category Journals	10/18/2021	URO
34	Training on Waste Analysis and Characterization Study	11/02 and 04/2021	URO
35	Orientation/Preparation on the PPMP using Procurement System	11/05/2021	PU
36	Orientation on Planning for Fiscal Year 2022-2023	11/12/2021	OPPME
37	Competency Assessment	11/14/2021	CASS
38	Gender Sensitivity Awareness for Newly Hired Employees	12/03/2021	GAD
39	Instructional Practices	12/14/2021	CASS
40	Stress Debriefing and Mindfulness Seminar	12/28/2021	HRDMO
41	Solid Waste Management on Safe Handling and Disposal of Hazardous Waste in the University	12/28/2021	PCSU

2021 SEMINARS, TRAININGS, AND OTHER PROFESSIONAL DEVELOPMENT ACTIVITIES

Cyber Security Foundation Professional Certificate	LEAP IP Forward >> IP Masterclass for University and School Administrators	Mental Health and Well-Being "Juan at Juana Laban sa Pandemya: Kaya!"	Seminar/Workshop on Seismic Hazard Assessment & Rapid Visual Survey of Existing (Heritage) Buildings	Customer Service in the New Normal
FOI Manuel Whitespace for State Universities and Colleges and Local Water Districts	Understanding the Data Privacy	Mental Health and Well-Being	Roundtable Discussion 2021 Re-VAMP (Venture on Academic Institutions in Region III) of the New Normal: Toward Sustainable and Smart Flexible Higher Education as part of Flexible Learning All-in-One Solution for Higher Education Institutions	Philippine Information Agency
ASEAN on Point-Fake News Tackling Disinformation in ASEAN	Social Media Vs. Data Privacy	Local and International Laws and Policies in Line with COVID-19	in Region 3 (FLASHEIR3), a Commission on Higher Education Region 3 (CHEDRO3)	Training Workshop on Report Preparation and Data Visualization
COVID-19 Vaccines and F2F Classes: How Do we Prepare	Getting started with Office 365 and Windows for leadership	21st Joint Annual Critical Care Convention "Advanced Heart Failure: What is Right time to Consider a left Ventricular Assist Device	NRCP Capacity Development Workshop for Early-Career Researchers (Phase 1)	11th C2C Webinar: How to Deal with Stress at Work and Maintaining Mental Health
Webinar #37 "Are We Ready for COVID-19 Vaccines": STOP COVID DEATHS	Empower every student with an inclusive classroom	Equitable Partnership in Science, Technology and Innovation	Philippine Conference on Data Science and Analysis: Upskilling the Filipino Workforce	Free Webinar on Selected Excel Tools on Class Record Management for Beginners
Strains, Variants, and Mutations: Implication to COVID Pandemic Response	Getting started with Office 365 and Windows	19th EdukCircle International Convention on Media Communication	REGION III: PADYAK SA EXTENSION AND PRODUCTIVITY: PANDAYAN TUNGO SA KAUNLARAN	Training on Research Publication to ABLESS Category Journals
Public Dialogue on FOI No. 5, s. 2020 (Guidelines on Vexatious Request)	Microsoft Forms: Creating authentic assessments in Microsoft	DOAT: Tools I: Foundation for Enhancing Resilience	21st National Annual Convention	121th C2C: College to Career Webinar Series
ASEAN on Point Public Forum on Fake News: Tackling Disinformation on ASEAN	MySQL Database Development Mastery	Spiritual Care and Wellness	Webinar Series on Digital Literacy of Faculty for Online Education Resources (OER) Development: Hybrid Learning Virtual Class 101	"Scientific Career System (SCS) Orientation: Be A Career Scientist"
Webinar on PTC CASEE Accreditation Towards Washington Accord	2021 Freedom on Information: Transparency Legacy Digital Lecture Series. Series 1: Preserving Data Integrity	Information System Audit Fundamentals	Webinar Series on Digital Literacy of Faculty for Online Education Resources (OER) Development: Grammar Checking and Paraphrasing: Developing Better Online Education Resources (OER) Content and Mendeleev: Introduction to Reference Management System	Training on Waste Analysis and Characterization Study
1ST Virtual Meeting & 11th Heart Failure Convention 2021	34th AACCCUP "Paradigm Shift in Quality Assurance in Higher Education: Responding to the Challenges of the New Normal"	Deploying Office 365 for Education	Classroom Management on the new NetAcad Experience (Advanced Features)	Orientation/Preparation on the PPMP using Procurement System
NSRI Lecture Series 2021	1st Quarter Nationwide Simultaneous Earthquake Drill	State of Public Health Emergency: Covid 19 updates and variants	Positive Psychology: Managing Stress During the Pandemic and Achieving Mental Health	Orientation on Planning for FY 2022-2023
Webinar #38 "Are the COVID-19 Vaccines Safe?": STOP COVID DEATHS	She Speaks Tech: Skills and Stories of Women in Tech	Webinar on State of Public Health Emergency Covid-19, Updates and Variants A Call to Synergy amidst the Global Pandemic"	Review and Updating of Documentary Requirements on Context of the Organization	AUN-EEC Webinar: Systems Thinking for 21st Century Learning
TSU International Opportunity for Quality Standards	Trends and Approaches in Analytical Sciences III (TAAS 3): The Metabolomics Approach and its Different Application Season II: Introduction to Metabolomics II and Food Metabolomics	Foundation Course on Intellectual Property Rights	Capacity Development on the Preparation of Accreditation Documents on Area VI – Extension and Community Development	International Webinar on Taro Center
NRCP's Regional Basic Research Caravan 2021	DIGITAL SKILLS FOR A DIGITAL FUTURE	Certification on Information Security Associate	Review and Updating of Documentary Requirements on QMS Risk Assessment	Webinar on Registration and Tax Compliance
Certification on Teaching Sustainable Development Goals	BURNS: Assessment & Management of Flame Burns Including Inhalational Injury and Assessment & Management of Electrical Injury	Certification on Foundations of Business and Entrepreneurship	Webinar-Workshop on Gender Analysis (GA) and GAD Tools	Gender Sensitivity Orientation on Newly-hired Employees
Webinar #39 "Who Should Not Be Vaccinated for COVID-19?" - STOP COVID DEATHS	Virtual Training on Experimental Design and Data Management in Agricultural Research using STAR	Certification on Foundations of Business and Entrepreneurship	Necessity and Legality of Non-Disclosure Agreement Webinar	Teach Talk: How to Teach and Manage Gen Z Class (Critical Approaches in the Arts Edition)
New Normal to New Future: Strategies for a Better Service: An Internet Connectivity and Digital Transformation Conference Series II	Empowering Deans and Program Heads in the New Normal	Certification on Quality Management Systems Associate	Earth Observation Technologies Webinar	Stress Debriefing Webinar
COVID 2021: Communicating Vaccine Information and Development Webinar	PICU MRT 2nd Station: Challenges in Airway Management: Hyperactive Airway, How to calm down a Critically Ill Child and Nebulizing Then and Now: Latest in Aerosol Generating Procedures	Induction of Officers of TSU Alumni Singapore Chapter Officers	Philippine National Public Key Infrastructure Awareness Webinar	Awareness Orientation on QMS Documentation Information
Unveiling the Jack P. Smith Memorial Marker	32nd Regional Annual Convention Philippine Nurses Association, Region III	PDP 2-17-2022 Midterm Update Caravan	Webinar on Modernizing Your Infrastructure and Apps ~ Journey to a Better Nation	Training on Research Proposal Writing Using Data Mining Techniques
Certification on Remote Work and Virtual Collaboration	Trends and Approaches in Analytical Sciences III (TAAS 3): The Metabolomics Approach and its Different Application Season II: Chemometrics and Clinical Metabolomics	Virtual Caravan on the Updated Philippine Development Plan 2017-2022	OBTL and Syllabus Calibration	In-service Training and Workshop on Enhancement of Clinical Teaching Competencies
ICU BASICS 2: Fluid & Electrolyte Management and Assessing Fluid Responsiveness in the Perioperative Setting	Pananaliksik at Paglalathala sa Wikang Filipino	Financial Literacy Seminar	Health R&D in the New Normal: Moving Towards Universal Health Care	Review and Updating Documentary Requirements of COTO
Essential MATLAB & Simulink, Physical & Electrical Systems with Simscape	TCP Seminar Series 3	Refresher Course on ISO 9001:2015 Documented Information	Emotional Reset Center: Certified Mental Health Coach First Responder Training	Competency Assessment
Pre-National Advanced Airway Congress of Malaysia Webinar Series 2.0-Meet the Experts: Optimizing Education in Difficult Airway Management	Certification on: Professional Scrum Master	4th Government Academe Industry Network (GAIN) National Convention	Demonstration Seminar of 3M Molecular Detection System	Instructional Practices
Post Convention: 2021 CCNAPI Annual Convention	Women in Diplomacy	U-ASEAN Dialogue on GreenTech & Innovation Mapping: Green Technologies for Plastic Value Chain Management Webinar Series 3: The Cradle-to-Cradle Approaches: Biodegradable Polymer Technologies.	GAD Training Compliance on the Law and IRR of the Safe Spaces Act	Solid Waste Management on Safe Handling and Disposal of Hazardous Waste in the University

TSU PERSONNEL STATISTICS

(as of December 31, 2021)



- Non-Teaching (*Permanent*) - 167
- Non-Teaching (*Contractual*) - 68
- Non-Teaching (*Temporary*) - 17
- Teaching (*Permanent*) - 211
- Teaching (*Temporary*) - 98
- Job Order - 284
- Lecturer - 281

SEND-OFF PARTIES



ORGANIZED SERVICE AWARDS AND YEAR-END THANKSGIVING



TARLAC STATE UNIVERSITY
HUMAN RESOURCES DEVELOPMENT AND MANAGEMENT OFFICE



TSU's video entry wins SEAMEO Stories of Success



Tarlac State University makes it to the top 20 entries in the "Stories of Success: Transformation and Innovation in the Post COVID-19 Pandemic" by the Southeast Asian Ministers of Education Organization (SEAMEO) during the SEAMEO Pre-Congress Lecture on April 5, 2021 via YouTube.



TSU nurses deployed to TPH for vaccine rollout



Nine medical nurses of Tarlac State University were deployed as volunteers to the Tarlac Provincial Hospital from May 25 to June 30, 2021 as additional workforce of the Provincial Government of Tarlac in the COVID-19 vaccine rollout.



Tarlac State University President Dr. Myrna Q. Mallari was listed among the awardees of the Civil Service Commission Pagasa Award yesterday, September 30, in a video uploaded by the CSC Regional Office 3 on Facebook as part of its concluding activities for the 121st Philippine Civil Service Anniversary.



CSCRO-III honors Pres. Mallari with CSC Pagasa Award



Tarlac State University launched the "Lagoon Beautification Contest" in line with the 121st Philippine Civil Service Anniversary where Abraham Obiena bested the 21 participating utility personnel of the Lucinda Extension Campus.



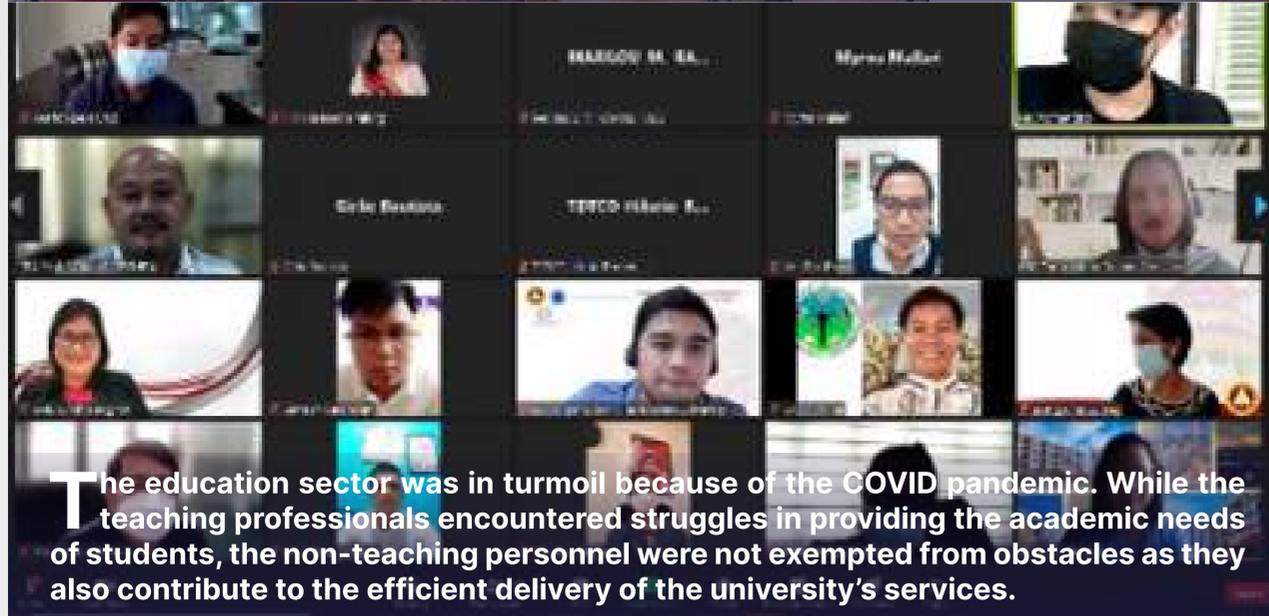
University utility personnel join lagoon beautification contest



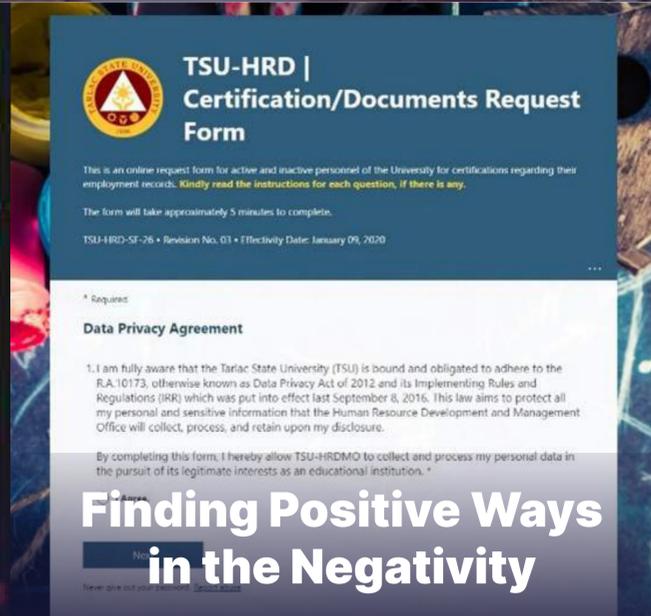
TSU honors service awardees at 2021 Gawad TSU



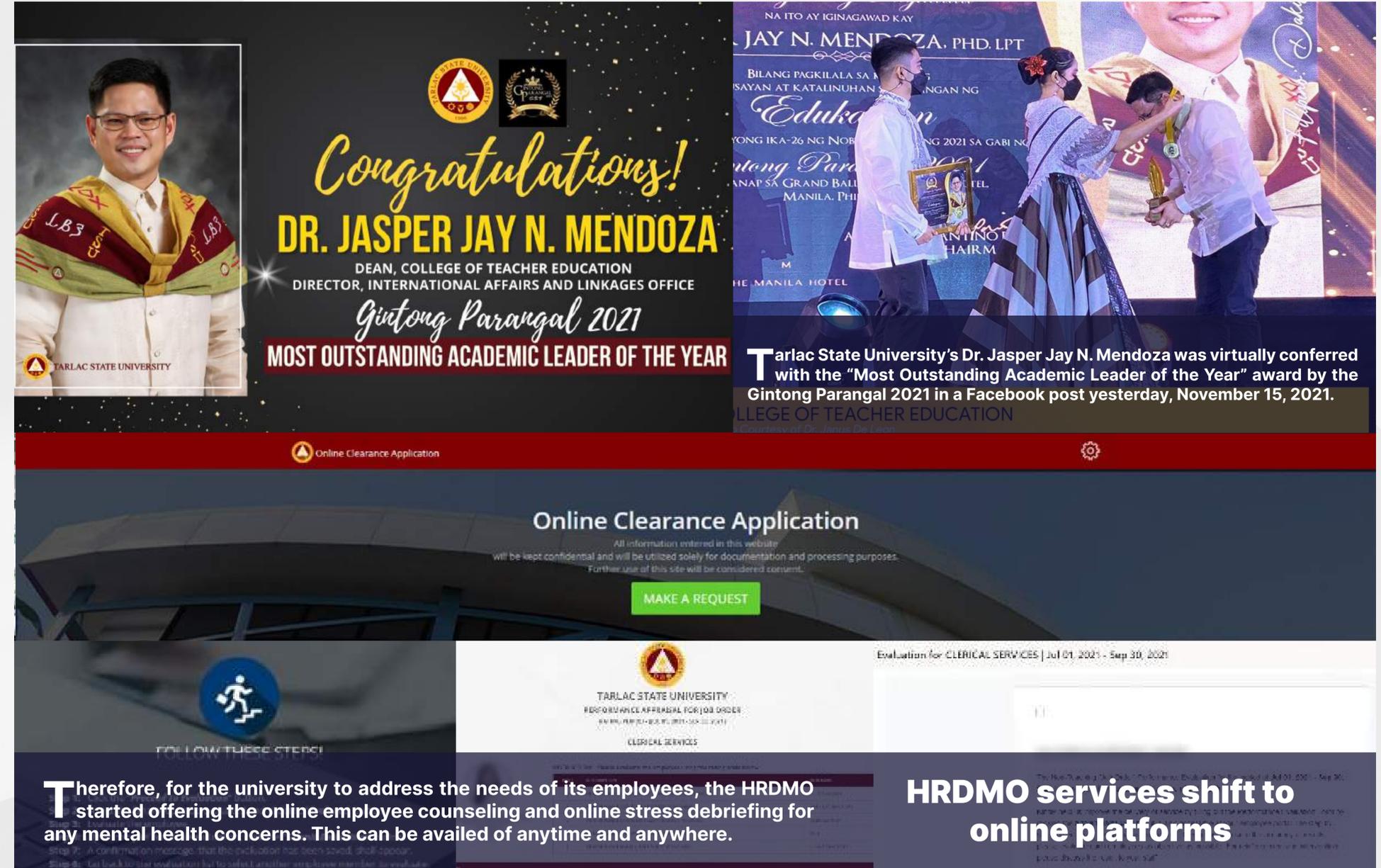
Tarlac State University, through the Human Resource Development and Management Office (HRDMO), honored 42 employees for their dedicated service to the university during the 2021 Gawad TSU (formerly TSU Service Awards) on October 14, 2021.



The education sector was in turmoil because of the COVID pandemic. While the teaching professionals encountered struggles in providing the academic needs of students, the non-teaching personnel were not exempted from obstacles as they also contribute to the efficient delivery of the university's services.



Finding Positive Ways in the Negativity



Therefore, for the university to address the needs of its employees, the HRDMO started offering the online employee counseling and online stress debriefing for any mental health concerns. This can be availed of anytime and anywhere.

HRDMO services shift to online platforms



ROADMAP B

INSTRUCTIONAL QUALITY AND RELEVANCE DEVELOPMENT



For 2021, all academic institutions in the Philippines have continued using flexible learning as a mode of education delivery. Tarlac State University ensured its proactive contributions to the alternative method of learning by strengthening the capabilities of students and faculty members as they dive deeper in sustaining instructional quality and relevance.

Through series of webinars for faculty members collectively known as FLASHEIR3, faculty members gained better knowledge on how to meet the needs of students for quality virtual learning.

TSU has also celebrated more student activities, milestones, and accomplishments for this year despite limitations and restrictions on mobility.



CURRICULUM DEVELOPMENT

ROADMAP B : INSTRUCTIONAL QUALITY AND RELEVANCE DEVELOPMENT



INSTITUTIONAL STRATEGIC PARTNERSHIP EXPANSION, MENTORING AND TRAINING SESSION FOR INTERNATIONALIZATION

#ReSpace THE REDESIGN OF SPECIALIZED ACCESS TO CONNECTIVITY AND ENGAGEMENT A GLOBALIZED DELIVERY OF INTERNATIONALIZATION PROGRAMS AND PARTNERSHIPS



TSU traverses global path with international partners

Last March 24 to 26, Tarlac State University organized a mentoring session on strategic partnership expansion and training on internationalization in partnership with the Commission on Higher Education - International Affairs Staff (CHED-IAS) and the IZN Global Collective held via Zoom.



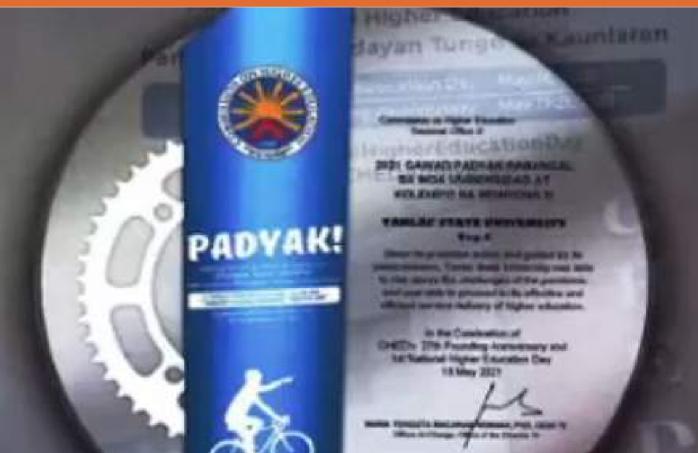
TSU's TikTok entry features the key officials, selected directors, and the unit heads of the Office of International Affairs dancing lively in front of the Administration Building, TSU Lagoon, and Main AVR to the beat of Bruno Mars' Uptown Funk.

TSU hailed as champion in the CHEDRO 3 TikTok competition for internationalization



TSU leads FLASHEIR3 discussions and webinars for Region 3 HEIs

Tarlac State University gave a head start to the Flexible Learning All-in-One Solution for Higher Education Institutions in Region III (FLASHEIR3) of the Commission on Higher Education Regional Office III (CHEDRO III) as a way to capacitate teaching and non-teaching personnel on digital literacy, develop learning resources, and ensure continuous partnerships for higher education institutions (HEIs) in Central Luzon.



TSU placed second out of 10 state universities and colleges in Region III during the CHEDRO III 2021 Gawad PADYAK Parangal held on May 18, 2021, via Zoom and Facebook Live during the weeklong celebration of the CHED's 27th founding anniversary and the 1st National Higher Education Day from May 17-21 themed "Padyak! Pamantasan: Pandayan Tungo sa Kaunlaran."

TSU placed 2nd in CHEDRO3 Gawad PADYAK Parangal



TSU Lab School back in operation for SHS STEM



Tarlac State University-Laboratory School (LS) will once again open its doors to Tarlaqueño students focusing on the Science, Technology, Engineering and Mathematics (STEM) strand of the Senior High School (SHS) level this September 2021.



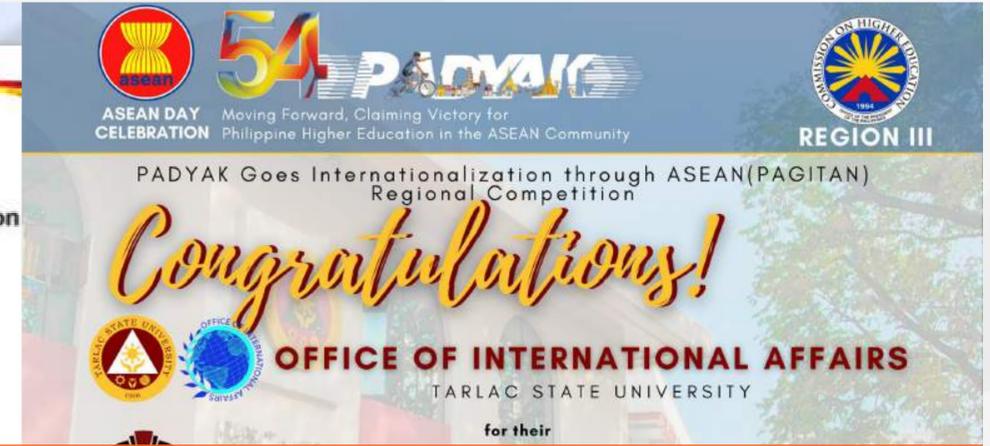
TSU welcomed CHED once again led by its chairperson, Dr. J. Prospero "Popoy" E. De Vera III, for the two-day capacity building and training write-shop of the university's "Community Sports & Wellness Program" on October 21, 2021, at the Alumni Center, Lucinda Extension Campus. TSU is the first state university in the country to receive this capacity building program from CHED.



TSU welcomes Chair Popoy again for Community Sports & Wellness Program capacity building



TSU receives 100K seed money in CHEDRO-III PaGITAn competition



Tarlac State University - Office of International Affairs (OIA) received a 100,000-peso seed money after claiming the championship in the regional competition of the Commission on Higher Education Region III (CHEDRO-III) titled "Padyak Goes Internationalization through ASEAN (PaGITAn)" last August 11, 2021.



Tarlac State University was hailed as the top one contributor in Region 3 Higher Education (R3HiEd) Bayanihan during the Launching of Region III Open Educational Resources (OERs) and its portal last December 10, 2021 via CHEDRO Regional Office III Facebook Live.

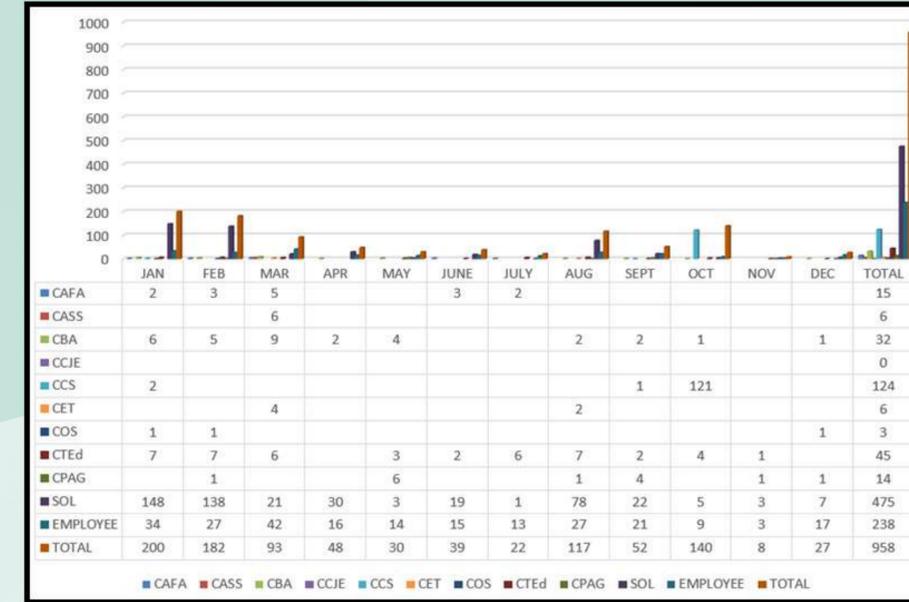


R3HiEdBayanihan 2020 Top 1 Contributor



LIBRARY SERVICES

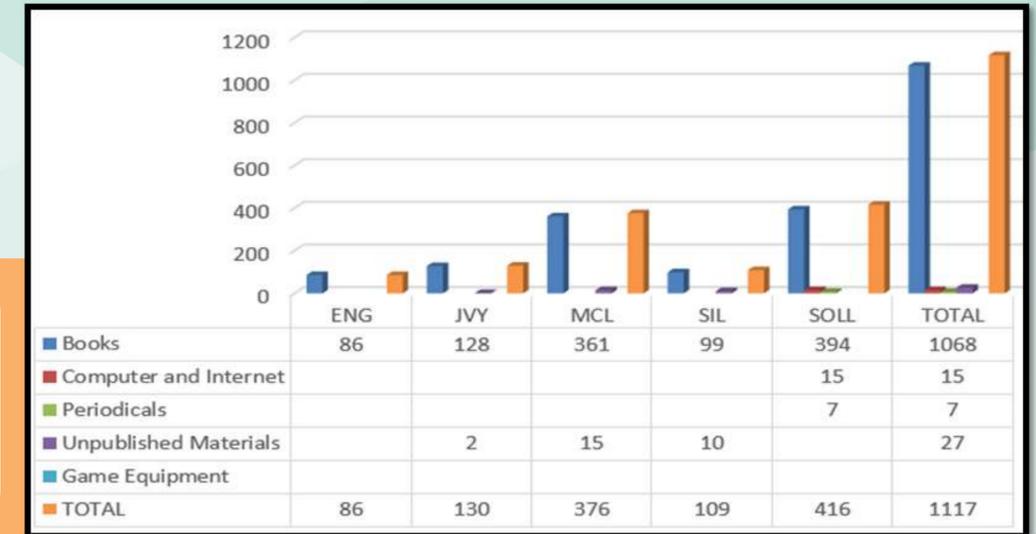
ROADMAP B : INSTRUCTIONAL QUALITY AND RELEVANCE DEVELOPMENT

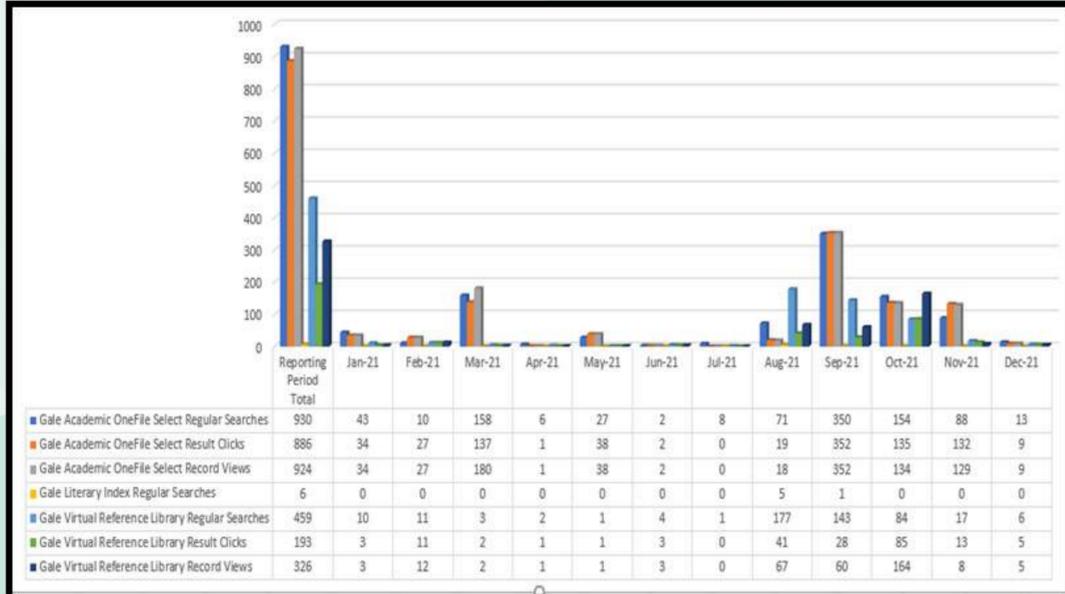


LIBRARY USERS STATISTICS
958 Total Number of Users Statistics



UTILIZATION OF LIBRARY RESOURCES AND EQUIPMENT
1117 Total Number of Library Users

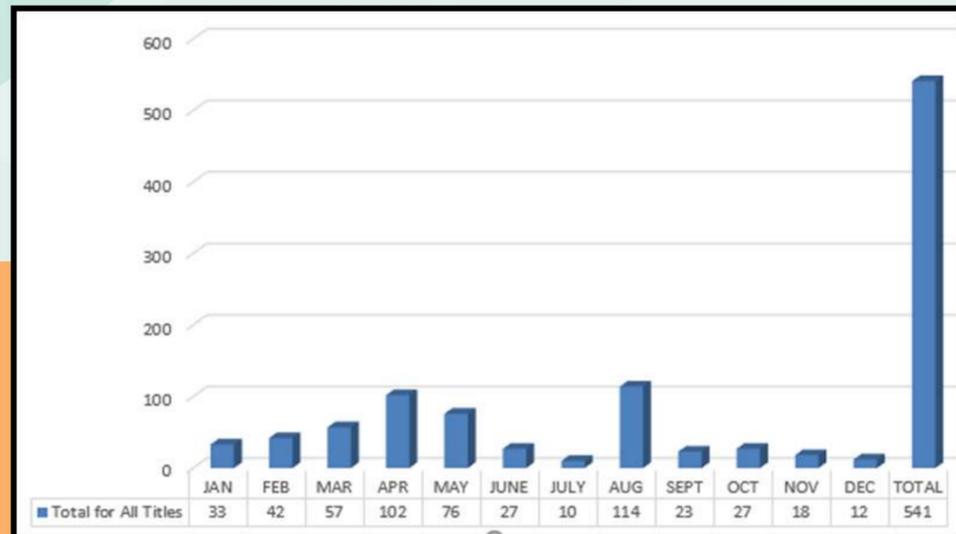




GALE ACADEMIC ONEFILE SELECT



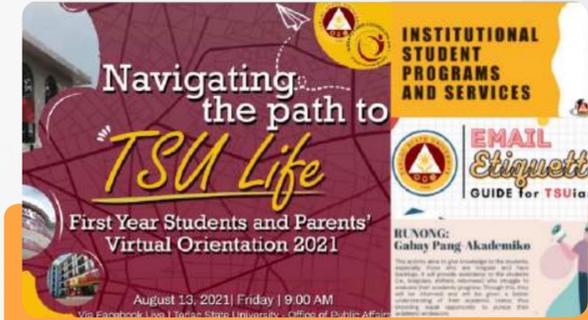
ACCESS ENGINEERING



STUDENT SUPPORT SERVICES

ROADMAP B : INSTRUCTIONAL QUALITY AND RELEVANCE DEVELOPMENT

STUDENT ACTIVITIES 2021



Araw ng Parangal 2021 was held online last June 30, 2021 via Zoom and streamed via the Facebook page of the Office of Public Affairs to recognize outstanding performances of student organizations and leaders for the school year.

TSU's Guidance and Counseling Unit, in coordination with the Office of Student Affairs and Services, conducted a virtual orientation for its incoming 1st year students and their parents on August 13, 2021 via the Office of Public Affairs Facebook page to help the new TSUians by providing information about the university.



CASS STUDENT COPS FIRST PLACE IN INTERNATIONAL SPEECH CATEGORY COMPETITION

Precious Berdolaga, a third year ELS student from the College of Arts and Social Sciences, bested four other contenders in the Metro Manila Toastmasters Club - Club Contest for the International Speeches Category last November 29, 2021, via Zoom.



Eighty-five students from the marginalized sector (indigent, persons with disabilities, indigenous peoples) were granted scholarships through a memorandum of agreement between Tarlac State University and Philippine Army Finance Center Producers Integrated Cooperative (PAFCPIC) during a virtual signing ceremony held on November 9, 2021 via Zoom.



STUDENT ACTIVITIES 2021



Bearing the theme "TSU@115: A Celebration of Courage, Unity, and Resiliency," Tarlac State University celebrated its 115th founding and 32nd charter anniversary last October 11-16, 2021 through a series of virtual activities and webinars.

Kicking off the first day of the foundation week, the Supreme Student Council (SSC) showcased a virtual tour of the university through scale models in Minecraft – a sandbox video game where players can create and explore a blocky 3D world with infinite terrain.

Offices and units also conducted their own activities via Zoom and Facebook Live for the enjoyment of the TSU Students. The Office of International Affairs held the first Intercollegiate Literary Festival titled, "Hayag". The Culture and Arts Unit held an Intercollege Culture and Arts Competition, and the Sports Development and Management Unit organized virtual variety games. The Technology Development, Transfer, and Commercialization Office (TDTCO) also organized MUSIKATHA Song Writing Competition as well as a webinar on Basic Intellectual Property Rights



GUIDANCE AND COUNSELING SERVICES

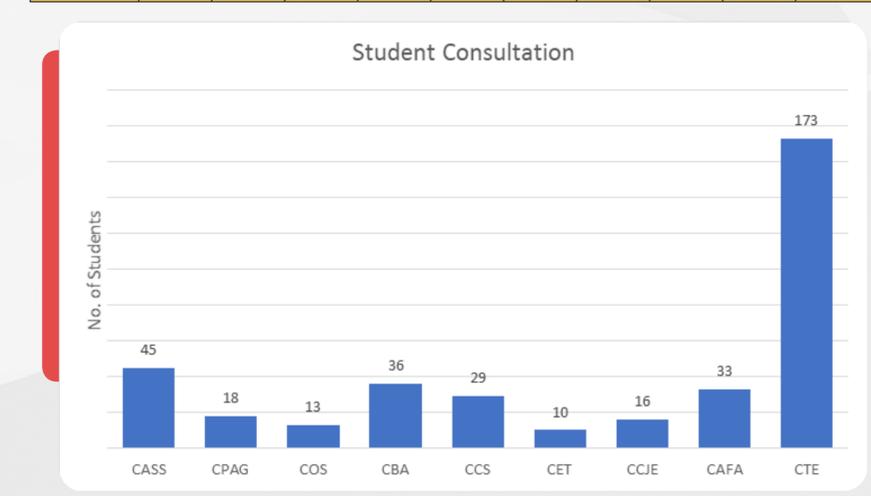
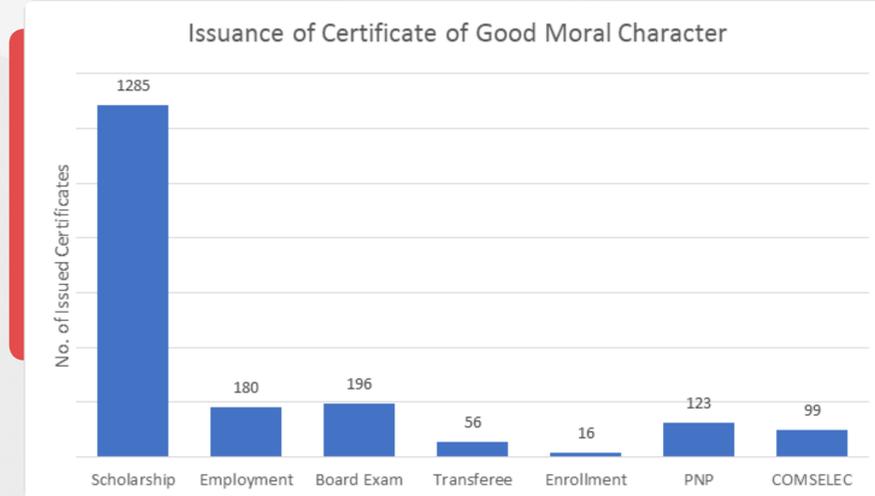
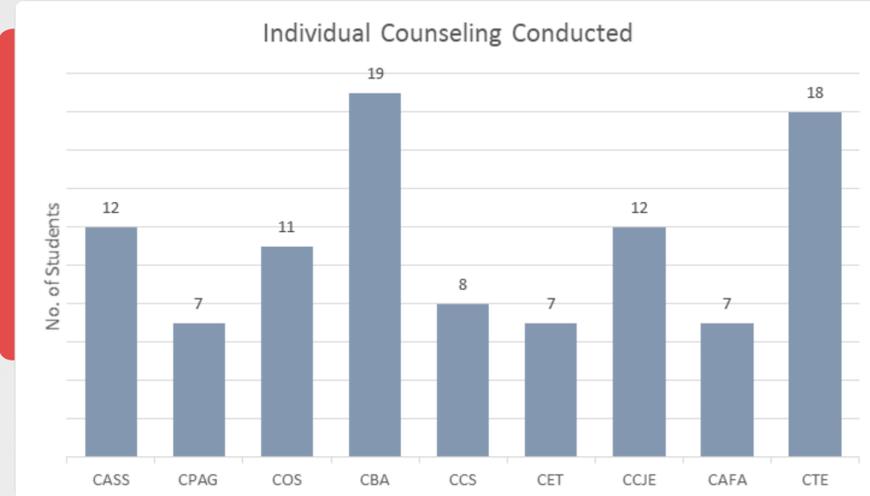
GUIDANCE AND COUNSELING SERVICES

INDIVIDUAL COUNSELING CONDUCTED (January-December 2021)										
Month	College									Total
	CASS	CPAG	COS	CBA	CCS	CET	CCJE	CAFA	CTE	
January	-	-	5	2	-	1	6	-	2	16
February	2	-	-	-	-	-	1	2	-	5
March	-	-	-	-	-	2	-	-	-	2
April	-	2	-	3	-	1	2	-	-	8
May	4	0	2	-	3	-	-	-	3	12
June	-	-	-	1	-	-	-	-	-	1
July	-	-	-	-	-	-	-	3	-	3
August	1	2	-	1	2	-	2	1	3	12
September	3	-	4	5	-	3	-	1	2	18
October	2	3	-	2	3	-	-	-	2	12
November	-	-	-	3	-	-	-	-	4	7
December	-	-	-	2	-	-	1	-	2	5
Total	12	7	11	19	8	7	12	7	18	101

ISSUANCE OF CERTIFICATE OF GOOD MORAL CHARACTER 2021										
	Scholarship	Employment	Board Exam	Transferee	OJT	Enrollment	PNP	COMSELEC	Others	Total
January	337	34	112	15	0	5	18	0	0	521
February	189	3	29	9	0	0	4	0	0	234
March	122	5	10	3	0	0	7	0	0	147
April	93	31	0	0	0	0	29	0	0	153
May	59	0	14	0	0	0	1	0	0	74
June	78	0	18	2	0	0	6	0	0	104
July	61	22	0	6	0	0	26	0	0	115
August	96	10	0	8	0	11	17	90	0	232
September	106	26	0	7	0	0	4	9	0	152
October	45	28	0	5	0	0	5	0	0	83
November	34	14	2	1	0	0	1	0	0	52
December	65	7	11	0	0	0	5	0	0	88
Total	1,285	180	196	56	0	16	123	99	0	1,955

CONSULTATION (January-December 2021)										
Month	College									Total
	CASS	CPAG	COS	CBA	CCS	CET	CCJE	CAFA	CTE	
January	2	-	-	9	3	-	4	3	6	27
February	19	1	1	2	7	-	-	9	18	57
March	12	12	7	3	12	4	-	11	-	61
April	1	1	-	1	2	-	-	-	4	9
May	5	-	-	3	-	-	-	-	4	12
June	-	-	2	-	-	1	-	-	-	3
July	-	-	-	-	1	3	-	-	1	5
August	-	2	1	-	-	2	-	-	0	5
September	3	1	-	8	-	-	-	2	6	20
October	-	1	2	-	4	-	4	5	10	26
November	-	-	-	4	-	-	8	-	65	77
December	3	-	-	6	-	-	-	3	59	71
Total	45	18	13	36	29	10	16	33	173	373

TRAININGS/ WEBINARS CONDUCTED FOR TSU STUDENTS			
Month	Name of Trainings/ Seminars	Participants/ Organization	No. of Participants
February	Physically Separated but Socially Connected	All Colleges	182
May	Interrupt Anxiety with Gratitude	All Colleges	41
June	S.A.L.T. 2021 Program Self-awareness, Appreciation for others, Loving God, and Transformation	All Graduating Students of Tarlac State University	483
August	University Freshmen Orientation	All Freshmen Students	4,771
	Parent Orientation	All Parents/Guardians of Freshmen Students	120
October	Surviving College Life in the New Normal	All Colleges	191
	Inclusivity, Equity, & Positivity: Promoting Mental Health Awareness in Unequal World	All Colleges	1,172
November	Time and Stress Management Webinar "Spacing Up your Mind: Ways in Sanitizing and Taking Care of the Mind for a Better Normal	All Colleges	1,441
TOTAL NUMBER OF WEBINARS HELD WITHIN THE YEAR		7	TOTAL NUMBER OF STUDENT PARTICIPATED ON DIFFERENT WEBINARS WITHIN THE YEAR
			8,401





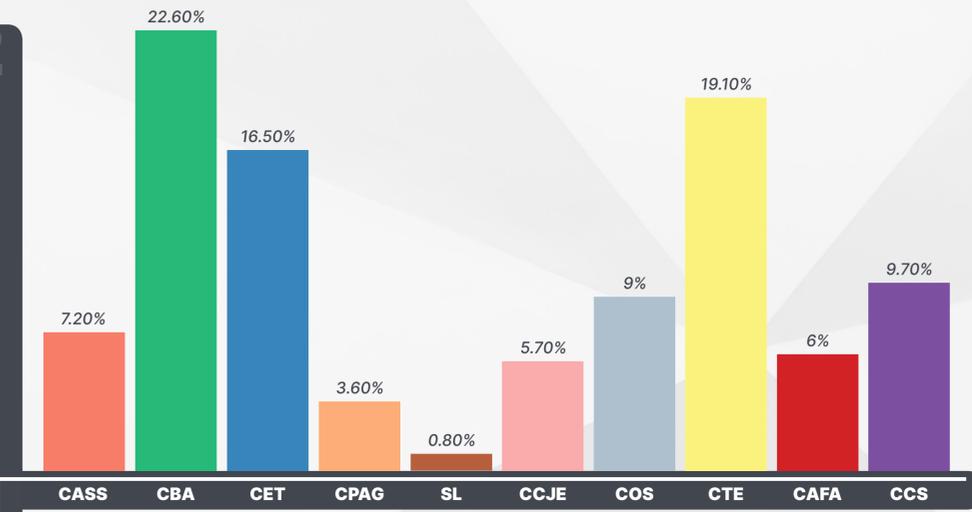
ADMISSION AND RETENTION

ROADMAP B : INSTRUCTIONAL QUALITY AND RELEVANCE DEVELOPMENT

ENROLLMENT STATISTICS

First Semester 2021-2022

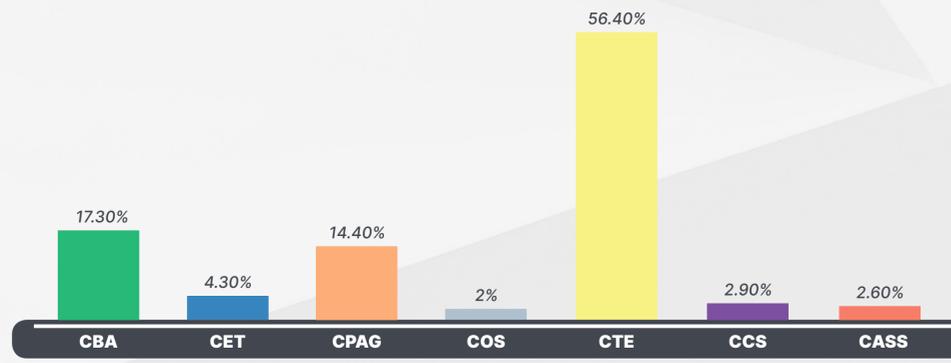
- College of Arts and Social Sciences - 1,515
- College of Business and Accountancy - 4,766
- College of Engineering and Technology - 3,476
- College of Public Administration and Governance - 768
- School of Law - 165
- College of Criminal Justice Education - 1,197
- College of Science - 1,891
- College of Teacher Education - 4,033
- College of Architecture and Fine Arts - 1,265
- College of Computer Studies - 2,051



Total Enrolled First Semester 2020-2021 - 18,624
 Total Enrolled First Semester 2021-2022 - 21,196 ▲ 53.2%

First Trimester 2020-2021

- College of Business and Accountancy - 136
- College of Engineering and Technology - 34
- College of Public Administration and Governance - 113
- College of Science - 16
- College of Teacher Education - 442
- College of Computer Studies - 23
- College of Arts and Social Sciences - 20



Total Enrolled First Trimester 2020-2021 - 759
 Total Enrolled First Trimester 2021-2022 - 784 ▲ 50.8%

PHYSICAL TARGETS AND ACTUAL ACCOMPLISHMENTS FOR FY 2021

MFO/PAP/PERFORMANCE INDICATORS	FY 2021 PHYSICAL TARGETS/ACCOMPLISHMENTS		
MFO 1: HIGHER EDUCATION SERVICES	TARGET	ACTUAL	% OF ACCOMPLISHMENT
PERCENTAGE OF UNDERGRADUATE STUDENT POPULATION ENROLLED IN CHED-IDENTIFIED AND RDC-IDENTIFIED PRIORITY PROGRAM	68%	83.48%	122.76%
MFO 2: ADVANCED EDUCATION SERVICES	TARGET	ACTUAL	% OF ACCOMPLISHMENT
PERCENTAGE OF GRADUATE STUDENTS ENROLLED IN RESEARCH DEGREE PROGRAMS	100%	100%	100%

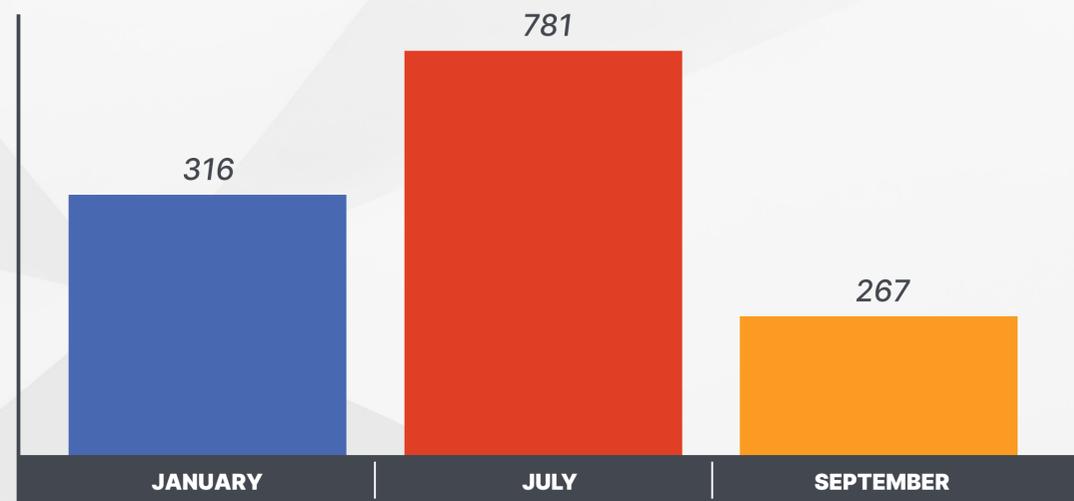


GRADUATES EMPLOYMENT

ROADMAP B : INSTRUCTIONAL QUALITY AND RELEVANCE DEVELOPMENT

SUMMARY OF GRADUATES

ACADEMIC YEAR 2020-2021



MFO/PAP/PERFORMANCE INDICATORS

FY 2021 PHYSICAL TARGETS/ACCOMPLISHMENTS

MFO 1: HIGHER EDUCATION SERVICES

TARGET

ACTUAL

% OF ACCOMPLISHMENT

PERCENTAGE OF GRADUATES (2 YEARS PRIOR) THAT ARE EMPLOYED

85%

85%

100%

PERCENTAGE OF FIRST-TIME LICENSURE EXAM-TAKERS THAT PASS THE LICENSURE EXAMS

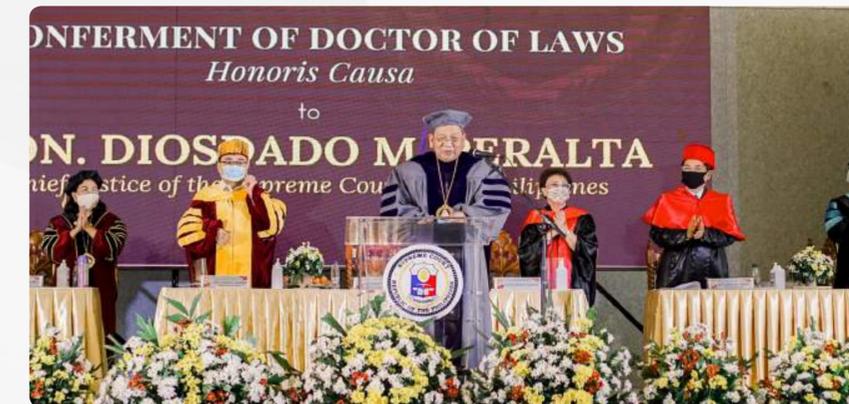
60%

59.21%

98.68%

TSU confers honorary doctorate to Chief Justice Peralta

Through the initiative of the School of Law, Tarlac State University conferred the degree Doctor of Laws, honoris causa, to Supreme Court Chief Justice Hon. Diosdado M. Peralta on February 19, 2021 at the Bulwagang Kanlahi in Tarlac City.



TSU grad wins Lapulapu monument design competition

A BS Architecture graduate of Tarlac State University was hailed as champion in the Lapulapu National Monument Design Competition of the 2021 Quincentennial Commemorations in the Philippines.



TSU is now a partner HEI of RIIC-3, THRIVE Central Luzon

Tarlac State University has signed a Memorandum of Agreement (MOA) on June 29, 2021 to collaborate with industries, government agencies, and higher education institutions (HEIs) in Central Luzon for the Regional Inclusive Innovation Center (RIIC) branded as Technological Hive of Regional Innovation for a Vibrant Ecosystem or THRIVE Central Luzon.



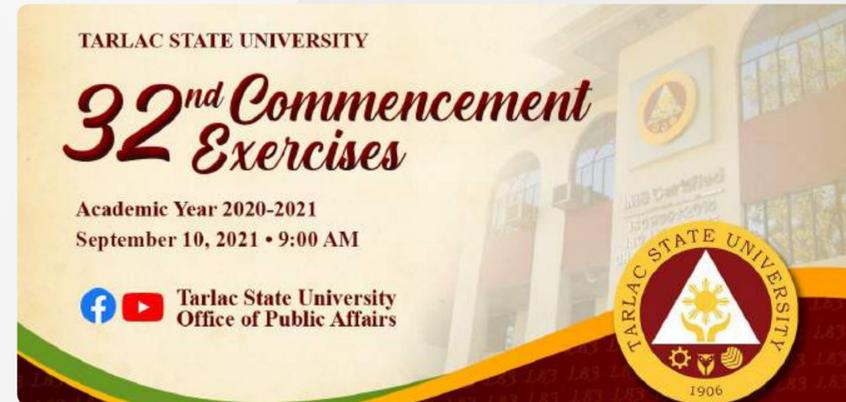


TSU holds 1st face-to-face graduation for grad school & SOL under new normal; still online for undergrad

Tarlac State University held its first face-to-face commencement exercises for its graduate programs and School of Law (SOL) on July 16, 2021 at the Lucinda Extension Campus following the start of the COVID-19 pandemic in March 2020.

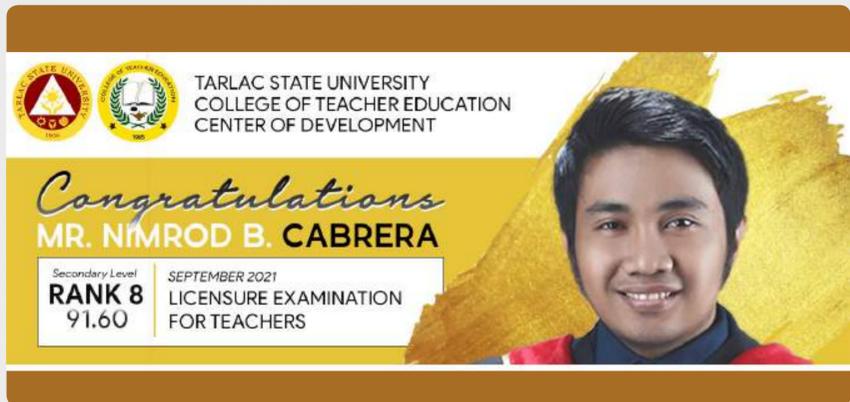
TSU continues virtual graduation for Midyear 2021 due to GCQ restrictions

Tarlac State University virtually conferred the degrees of 266 students during the 32nd Commencement Exercises for midyear graduates last September 10, 2021 which was livestreamed through Office of Public Affairs (OPA) Facebook page and TSU YouTube channel.



TSU ECE graduate lands top 8 in LET secondary level

Nimrod B. Cabrera, a licensed electronics engineer and ECE graduate of Tarlac State University, placed 8th in the secondary level of the September 2021 Licensure Examination for Teachers with a rating of 91.60%



ROADMAP C



RESEARCH AND COMMUNITY SERVICE DEVELOPMENT

Research, extension, and commercialization initiatives of Tarlac State University form a pivotal role in its overall performance in the academe. With the help of faculty members and other employees, knowledge creation, knowledge dissemination, and knowledge transfer to communities and partners are relentlessly pursued.

Despite the pandemic's persistence in the country, TSU has kept on empowering itself to form a niche in solar technology and food technology to build a better society.

Gender-related initiatives are also abounding at TSU for several years. Some of these milestones are featured under this roadmap.



RESEARCH AGENDA

Food Safety and Security

Responsive Health System

Science, Technology and Innovation

Business, Education and Policy Formulation

Environmental Management and Disaster Risk Reduction

EXTENSION AGENDA

Quality Education and Human Capacity Development

Food Security, Good Health, and Nutrition

Promotion of Language, Arts, History, and Culture

Technology Promotion and Advancement

Economic Growth and Enterprise Development

Good Governance and Promotion of Human Rights, Equality, Justice, and Peace

Environment Protection, Climate Change Adaptation, and Disaster Risk Reduction

RESEARCH

ROADMAP C : RESEARCH AND COMMUNITY SERVICE DEVELOPMENT

COFFEE AND COLLABORATION: RESEARCH AND EXTENSION AGENDA PRESENTATION TO THE STAKEHOLDERS

Relative to the results of the online survey, the University Research Office (URO) and Extension Services Management Office (ESMO) organized and conducted the online activity titled “Coffee and Collaboration: Research and Extension Agenda Presentation to the Stakeholders” on April 14, 2021.

The goal of the activity is to introduce the university’s research and extension agenda and identified priority programs to the government and non-government agencies/organizations in Tarlac Province and Region III.

The activity also provided a venue where the university’s different colleges presented and showcased their research and extension capabilities and programs to the university stakeholders.

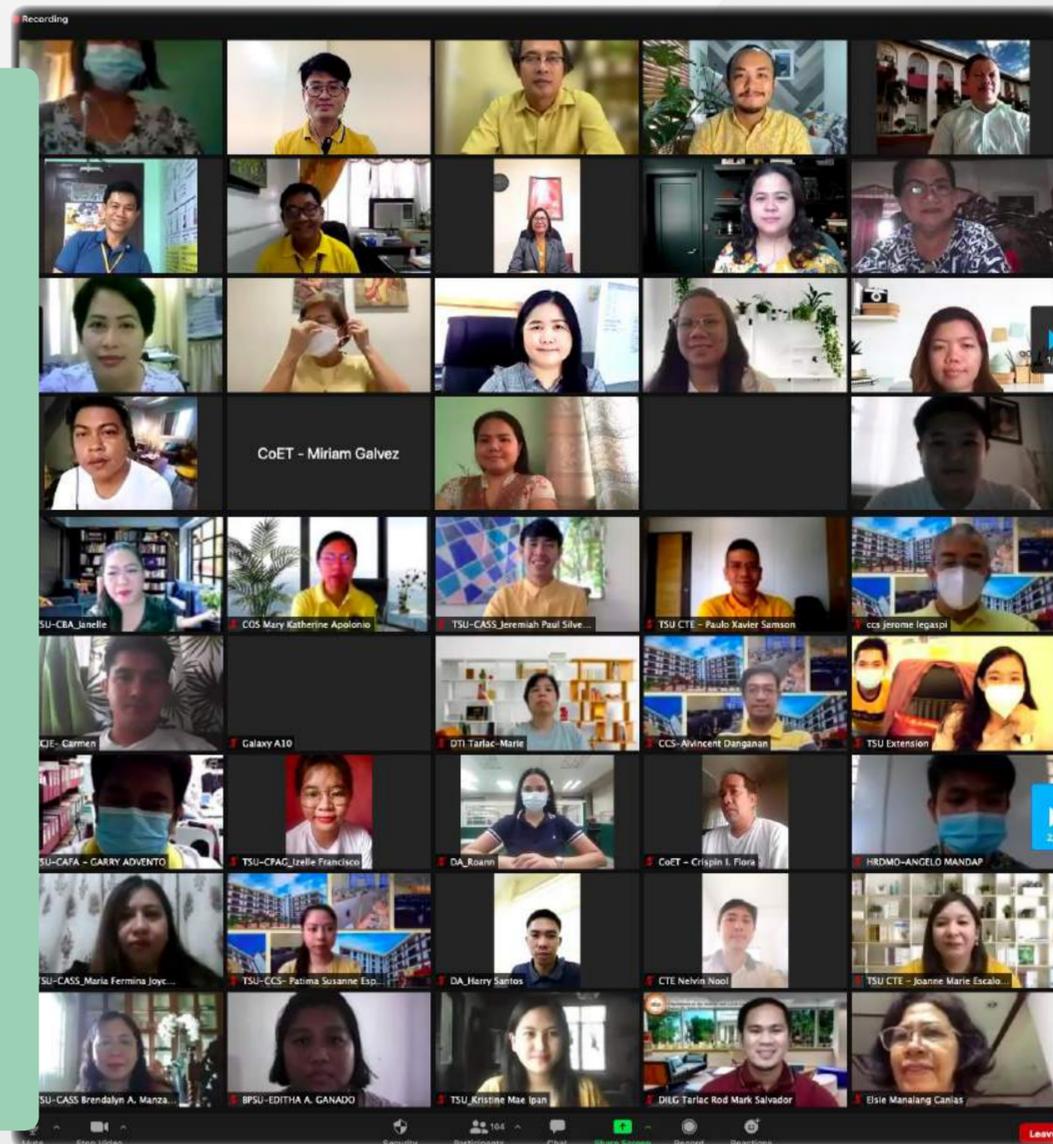


TABLE 1. PBB TARGETS AND ACCOMPLISHMENTS

PBB AND PREX C TARGETS

Aside from setting the University Research Agenda, the office is also in-charge in setting the PBB and PREX C targets as well as in monitoring the accomplishment. For this year, the table below shows the 2021 PBB targets with the accomplishments.

FY 2020 PREXC PERFORMANCE INDICATORS	FY 2020 TARGET	2020 ACTUAL ACCOMPLISHMENT January to December	ACCOMPLISHMENT RATE
Performance indicator 1: Number of research outputs completed within the year	40	40	100%
Performance Indicator 2: Percentage of research outputs published in internationally - refereed or CHED recognized journal within the year	15%	5.49% (5/91)	36.6%
Performance Indicator 3: Number of research outputs in the last three years utilized by the industry or by other industries	14	14	100%

SUC LEVELLING TARGETS

Together with the PBB targets, the office also monitors the accomplishment of the SUC levelling targets. Table 3 shows the SUC levelling targets with the accomplishment for 2021.

TABLE 2.

SUC LEVELLING TARGETS
WITH ACCOMPLISHMENTS

RESEARCH-BASED PAPER PRESENTED IN THE PAST THREE YEARS				3						3
A.Number of research-based paper presented in International fora/conferences				1						1
<i>Indicators:</i>	1	5		0.5	1	2	22	25	1	
	6	10		0.75						
	11	ABOVE		1						
B.Number of research-based paper presented in National for a/conferences				0.5						0.5
<i>Indicators:</i>	3	8		0.125	14	3	3	20	0.5	
	9	14		0.25						
	15	ABOVE		0.5						
C.Number of research-based paper presented in Regional fora/conferences				0.5						0.5
<i>Indicators:</i>	3	8		0.125	13	2*	15	0.5		
	9	14		0.25						
	15	ABOVE		0.5						
D. Percentage of research-based paper presented in international national/regional for a/conferences to total number of research-based				1				55.05%		1
<i>Indicators:</i>	20	29	%	0.25	<i>Number of Presented Research Paper</i>					1
	30	39	%	0.5	15	18	27	0	60	
	40	49	%	0.75	<i>Total Number of Research -based Papers</i>					
	50	ABOVE	%	1	33	37	39	0	109	

TABLE 3.

CITATIONS IN THE PAST THREE YEARS				0.5						0.1875	0.1875
A.Total number of citations in articles published by other researchers in refereed international or national journal				0.25							0.0625
<i>Indicators:</i>	20	249		0.0625	11	28	16	55	0.0625		
	250	479		0.125							
	480	ABOVE		0.25							
B.Each research-based paper cited by book				0.25							0.125
<i>Indicators:</i>	1	9		0.125	2		2	0.125			
	10	ABOVE		0.25							
Invention in the past three years				2						6	2
A.Each invention patented and/or commercialized				1	6					6	6
B.Each invention not patented but utilized by the local community				0.5							0

KRA 2. RESEARCH CAPABILITY AND OUTPUT				MAX PT.	JULY 2019 TO DEC 2019	JAN 2020 TO DEC 2020	JAN 2021 TO DEC 2021	JAN 2022 TO JUNE 2022	TOTAL	EQUIVALENT POINTS
RESEARCH CENTER INCLUDING PERCENTAGE OF RESEARCHERS TO TOTAL PLANTILLA FACULTY IN THE PAST THREE YEARS				3						0.75
A. Number of research centers actively pursuing research in the past three years				1						0.5
<i>Indicators:</i>	1			0.5	1	1	1		1	0.5
	2	ABOVE		1						
B. Percentage of RESEARCHERS to total number of plantilla faculty in the past three years				2					2.395	0.25
<i>Indicators:</i>	1	9	%	0.25	<i>Number of Faculty Researchers</i>					0.25
	10	19	%	0.5	0	2	5		7	
	20	29	%	1	<i>Total Number of Plantilla Faculty Members</i>					
	30	39	%	1.5	287	295	295			
	40	ABOVE	%	2	0	0.67797	1.69492		2.39453	
EXTERNALLY FUNDED RESEARCH				2					2	2
<i>Indicators:</i>	<i>Per Program</i>			1					0	0
	<i>Per Project</i>			0.75		2			2	1.5
	<i>Per Study</i>			0.5		1			1	0.5

TABLE 3.

COMPLETED RESEARCH-BASED PAPER PUBLISHED IN THE PAST THREE YEARS				3.5						2.125
A. Research-based paper published in an international refereed journal or publication				1.5						1.5
<i>Indicators:</i>	1	2		0.25	5	5	4		14	1.5
	3	5		0.5						
	6	8		0.75						
	9	11		1						
	12	ABOVE		1.5						
B. Research-based paper published in a refereed journal accredited by CHED in the past three (3)				1						0.125
<i>Indicators:</i>	1	2		0.125	1		1		1	0.125
	3	5		0.25						
	6	8		0.5						
	9	11		0.75						
	12	ABOVE		1						
C. Percentage of research-based paper published in refereed journals				1					13.76	0.5
<i>Indicators:</i>	5	9	%	0.25	<i>Number of Published Papers in Refereed Journals</i>					0.5
	10	14	%	0.5	5	5	5		15	
	15	19	%	0.75	<i>Total Number of Research Output</i>					
	20	ABOVE	%	1	33	37	39		109	

TABLE 3.

TABLE 3.

C. Percent of S&T oriented research outputs patented over the total S&T research outputs				0.5		0
<i>Indicators:</i>	0.5	0.99	%	0.25	0	0
	1	ABOVE	%	0.5	0	
		TOTAL		14		10.0625.

CURRENT LEVEL

MIN PTS	LEVEL
4	II
7	III
10	IV
13	V



Assistance in the conduct of research colloquium of the different colleges and offices of the university, including the evaluation of research proposals at the college level

This year, the URO organized and held a university-wide research proposal colloquium instead of doing it per college like the usual practice. The colloquium, themed “Innovative Researches in Response to the Needs of the Community,” was held on July 29-30, 2021 wherein faculty members from different colleges presented their research proposals. A total of 36 research proposals were presented in the colloquium.



Two external evaluators assessed the proposals (one for ABLESS, one for STEM) who are both experts in their respective fields. Dr. Adrian Bon Adrian Santiago, Research Development and Innovation Center Director of Our Lady of Fatima University, evaluated the ABLESS research proposals. On the other hand, Dr. Ryan John De Lara, Research Development and Productivity Office Director of Wesleyan University-Philippines, evaluated the STEM research proposals.

The table below shows the list of research proposals presented during the 2021 university-wide Research Proposal Colloquium.

TABLE 4. ENTRIES FOR THE 2021 CALL FOR RESEARCH PROPOSAL COLLOQUIUM

No	Research Title	Author/s	College
1	Influence of Organizational Culture on Teachers' Organizational Commitment, Job Satisfaction and Performance of Tarlac State University	Maria Fermina Joyce C. Nucum and Nerissa S. Olarte	CASS
2	Analysis on the Accessibility of healthcare services among IPs in Sitio Poquis, Camiling Tarlac during Covid 19. Pandemic	Sylyn Dizon Rico	COS
3	An Ethnographic Study of the Ayta Abellens of Burgos, San Jose, Tarlac	Maria Elena D. David, Agnes M. Macaraeg, and Louella P. Capitulo	CASS
4	Motor Vehicle Collisions in Tarlac City, Philippines: Its Implication to Road Safety Engineering	Murphy P. Mohammed	CET
5	Climate Change and Health Risks: Barriers, Perspectives and Adaptive Practices of Indigenous People in Tarlac	Alma Corpuz	COS
6	Assessment of the Inventory Management Practice of XYZ Drugstore	Anna May M. Angeles	CET
7	Web-Based Document Requisition System	Joselito T. Tan, Anna Cazan-dra T. Delos Reyes, John F. Fernandez	CCS
8	The Role of Microenterprises in Employment Creation and Income Generation in Tarlac City	Aldrex G. Laxamana, Sheila Jane L. Gonzales	CBA
9	The Role of Microenterprises in Employment Creation and Income Generation in Tarlac City	Aldrex G. Laxamana, Sheila Jane L. Gonzales	CBA
10	LGBT Management in Tarlac State University	Sheila Jane L. Gonzales, Christine Janelle M. Santiago, Dante C. Fernandez Jr.	CBA
11	Impact Study on Coke-TESDA Sari-Sari Store Training and Access to Resources	Jose Mariano S. Palomiano, Sheila Jane L. Gonzales	CBA
12	Consumer Environmentalism and Behavioral Intention to Purchase Green	Jose Mariano S. Palomiano, Sheila Jane L. Gonzales, Christine Janelle M. Santiago	CBA
13	Antecedents and Consequence of Satisfaction towards Online Food Delivery Applications: A Modified UTAUT Model Perspective	Dr. Wilmarck J. Ramos, Prof. Chris Mark V. Catalan	CBA
14	Understanding Oral Communication Apprehension in an Online Public Speaking Class During the COVID-19 Pandemic	Maria Vanesa Arador, Jose Russel Arador	CASS
15	Assessing the English Language Proficiency of English Language Professionals in an ESL Workplace Context	Brendalyn Manzano.	CASS
16	Best Practices of the Tarlac State University College of Criminal Justice Education in Maintaining the Status of TSU as Top School in the Criminology Licensure Examination	Jan Vincent Carmen Theodore M. Timpac, Francis D. Bicoy	CCJE
17	The Barangay Peacekeeping Action Team (BPAT) of Tarlac City Police Office, Barangay Tibag	Ramil M. Las-igan, Jayson R. Felix, Arturo Panzo	CCJE
18	Level of Appreciation of Barangay Officials on the Performance of Police Personnel in Selected Barangays of Concepcion, Tarlac	Lian Carla C. Luzong, Marie Fe Buscayno, Jairus Soriano	CCJE
19	Flood control system of the Municipality of La Paz Tarlac: Basis for Policy Enhancement	Roel R. Alviar, Jelly Ann Mercado, Girlie Bautista	CCJE

No	Research Title	Author/s	College
20	A Student Online Lab Approach Using Virtual Machine Access in Cloud for Tarlac State University College of Computer Studies	Kwinno L. Pineda, Rojen John Agustin, Lito Alexis Tolentino	CCS
21	Developing Marya-marya Seeds as Add-in to Beverages	Elsie M. Canlas, Jeremy Canlas, Siti Norliza C. Muza	CTED
22	Tilapia-Catfish Loaf: Its Acceptability, Shelf-life, and Nutritional Characteristics,	Elsie M. Canlas, Jeremy R. Canlas, Lalaine C. Razon	CTED
23	Exploring Inutuken Dish as Image-Maker of Tarlac	Deyo Carlos L. Dela Cruz, Jeremy R. Canlas, Lalaine C. Razon	CTED
24	The CTED Way: Flexible Teaching Strategies of Teacher Education Towards The Better Normal	Deyo Carlos L. Dela Cruz, Mark P. Castillo	CTED
25	Lived Experiences of Last Mile School Teachers in Teaching Social Studies in the New Normal	Douglas C. Ferrer, Deyo Carlos L. Dela Cruz	CTED
26	Profiling the Internet Access of College Students in Tarlac Province: An Input in Developing Assessment Tasks	Gilbert Gonzales, Patima Sussane Espinosa, Lito Alexis Tolentino	CCS
27	Early Childhood Education Teachers' Preparation for Inclusive Education and Diverse School Environment: Implications to Teacher Education Programs	Joanne Marie I. Escalona	CTED
28	Three-Decadal Changes in the Agricultural Lands of Tarlac City, Philippines	Wesley Gagarin, Arnan Araza	COS
29	GenPAW: A Generic Veterinary Clinic Management Application	Ronnie Mercado, Carlos Flores, James Bryan Roman, Regina Arceo, Joshue Manaloto	CCS
30	Tarlac State University Community-Based Tourism Center Transforming and Revitalizing Local Arts and Culture (TSU CBTC TARLAC)	Myrel M. Santiago, Jasper Jay N. Mendoza, Ninez B. Tulo, Bryan Jan S. Dizon	Office of International Affairs
31	"Farm to Table" Tourism: Linking Community-Based Farmers and Home-Grown Restaurants towards a Safe and Sustainable Food Supply	Criselda Alamo-Tonelada, Ferdinand Y. Silaran, Princes Carol L. Feliciano	CBA
32	Tarlac State University (TSU) Scholar Graduates' Tracer Study	Evangelina Guiang	SAS
33	Gender impact of the outbreak: An analysis of sex disaggregated data on COVID-19 in the province of Tarlac	Rita Pulmano, Suzzane Cruz	GAD
34	Deposit Operations for Objects in Repository Applied to Learning Management System	Dennis Y. Virtudazo, Ronnie B. Mercado, Jerome C. Legaspi	CCS
35	Customization and User Acceptance of a Flexible Learning Program with Emphasis to Content Management System	Dennis Y. Virtudazo, Marlon V. Gamido, Valerie D. Simbol	CCS
36	Evaluation of the Effectiveness of Orientation Programs on the Academic Retention of Freshmen Students	Evangelina Guiang	SAS

TABLE 5. AWARDED PRESENTATION INCENTIVES

RESEARCH TITLE	AUTHOR/S	CONFERENCE	DATE
Energy Consumption Analysis in a Computer Laboratory	Dennis Y. Virtudazo, Jerome C. Legaspi	3rd National Conference on Food, Environment, Engineering and Technology	September 15-17, 2021
Composition and Process of Improving the Stability of Non-Carbonated Calamondin (Citrofortunella Microcarpa) Ready to Drink Juice	Lea B. Milan, Abegail F. Feliciano	3rd National Conference on Food, Environment, Engineering and Technology	September 15-17, 2021
Mapping and Improving the Composition and Process of Producing Sweet Potato-based Desserts	Lea B. Milan	3rd National Conference on Food, Environment, Engineering and Technology	September 15-17, 2021

AWARDED PUBLICATION INCENTIVE**TABLE 6.**

RESEARCH TITLE	AUTHOR/S	JOURNAL
Pre-service Teachers' Reflection Logs: Pieces of Evidence of Transformative Teaching and Emancipation	Jasper Jay N. Mendoza	International Journal of Higher Education
Evidence of Transformative Teaching Extracted from the Reflection Logs of Pre-service Teachers using Butin's Cultural Lens	Jasper Jay N. Mendoza	International Journal of Education and Practice
Improved MSHA-1 Algorithm with Mixing Method	Rogel L. Quilala, Theda Flare G. Quilala	Bulletin of Electrical Engineering and Informatics
An Enhanced Overlapping Clustering Algorithm for Data Analysis	Alvincent E. Danganan, Edjie M. De Los Reyes	Bulletin of Electrical Engineering and Informatics
Modified Blowfish Algorithm Analysis using Derivation Cases	Theda Flare G. Quilala, Rogel L. Quilala	Bulletin of Electrical Engineering and Informatics

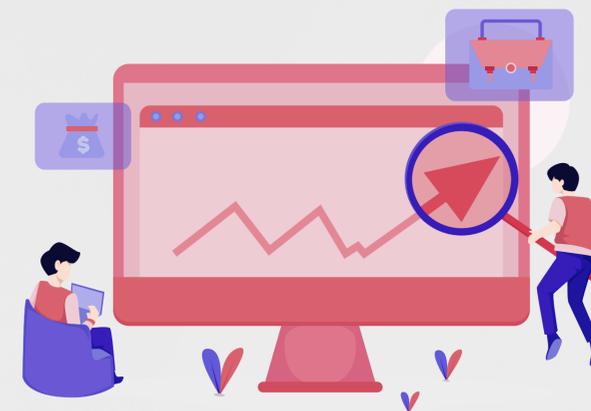


TABLE 7. AWARDED CITATION INCENTIVES

RESEARCH TITLE	AUTHOR/S	CITING ARTICLE
Performance in the Licensure Examination of Teacher Education Institutions in Central Luzon	Nelvin R. Nool, Maria Agnes P. Ladia	School Profile and Licensure Examination Performance of Teacher Education Graduates in Northern Philippines
Competency Requirements for Professional Accountants: Basis for Accounting Curriculum Enhancement	Henry D. Rufino, Rhene G. Payabyab, Grace T. Lim	Accounting Information System Courses: Developing a Hybrid Syllabus in the Era of Digitization
Competency Requirements for Professional Accountants: Basis for Accounting Curriculum Enhancement	Henry D. Rufino, Rhene G. Payabyab, Grace T. Lim	Unleashing the Role of e-Learning in Student Engagement Practices and Accounting Professional Competencies
Sanitary Conditions of Food Vending Sites and Food Handling Practices of Street Food Vendors along the Peripheral Area of Tarlac State University, Main Campus: Implication for Food Hygiene and Safety	Criselda A. Tonelada, Ferdinand Y. Silaran, Maria Cristina A. Bildan	The Food Safety knowledge of Street Food Vendors and the Sanitary Compliance of their Vending Facilities, Johannesburg, South Africa
River Flood Hazard Modelling: Forecasting Flood Hazard for Disaster Risk Reduction Planning	Murphy P. Mohammed	Correlation between Coastline Soil Loss Rate and Artificial Intelligence English Vocabulary based on GIS System
River Flood Hazard Modelling: Forecasting Flood Hazard for Disaster Risk Reduction Planning	Murphy P. Mohammed	Influence of GIS Technology on Coastal Atmospheric Climate and Employee's Innovation Intention
River Flood Hazard Modelling: Forecasting Flood Hazard for Disaster Risk Reduction Planning	Murphy P. Mohammed	The Relationship between Ecosystem Service Supply and Demand in Plain Areas Undergoing Urbanization: A Case Study of China's Baiyangdian Basin
River Flood Hazard Modelling: Forecasting Flood Hazard for Disaster Risk Reduction Planning	Murphy P. Mohammed	Simulating Flash Flood Hydrograph and Behavior Metrics across China: Implication for Flash Flood Management
River Flood Hazard Modelling: Forecasting Flood Hazard for Disaster Risk Reduction Planning	Murphy P. Mohammed	Financial Market Prediction under Deep learning Framework using Auto Encoder and Kernel Extreme Learning Machine
Does Accreditation Status Matter? Evidence on the LET Performance of State Universities and Colleges	Maria Agnes P. Ladia, Elizabeth P. Balanquit, Niño B. Corpuz, Nelvin R. Nool	School Profile and Licensure Examination Performance of Teacher Education Graduates in Northern Philippines
Disaster Risk Reduction and Management of Tarlac City	Murphy P. Mohammed	Dam Related Disaster Framework for Emerging Preparedness
OCA: Overlapping Clustering Application Unsupervised Approach for Data Analysis	Alvincent E. Danganan	Home Appliances Recommendation system Based on weather Information using Combined Modified K-Means and Elbow algorithms
Developing a Secured Image file Management System using Modified Advanced Encryption Standard	Heidilyn V. Gamido, Marlon V. Gamido	A Lightweight Security Scheme for Advanced Metering Infrastructures in Smart Grid
Developing a Secured Image file Management System using Modified Advanced Encryption Standard	Heidilyn V. Gamido, Marlon V. Gamido	Triple Layer Image Security using Bit-shift, Chaos, and Stream Encryption

RESEARCH TITLE	AUTHOR/S	CITING ARTICLE
An improved Overlapping Clustering Algorithm to Detect Outlier	Alvincent E. Danganan	A Semi-supervised QoA-Aware Classification for Wide Area Networks with Limited resources
Implementation of a Bit Permutation-based Advanced Encryption Standard for Securing Text and Image Files	Heidilyn V. Gamido	Real-time FPGA implementation of Concatenated AES and IDEA Cryptography System
QR Code Integrity Verification Based on Modified SHA-1 Algorithm	Rogel L. Quilala	Enhancement in Data Security and Integrity using Minhash Technique
Modified AES Cipher Round and Key Schedule	Edjie M. De Los Reyes	Secure Framework enhancing AES Algorithm in Cloud Computing
Modified AES Cipher Round and Key Schedule	Edjie M. De Los Reyes	A Metaheuristic Approach to Secure Multimedia Big Data for IoT Based Smart City Applications
Personal Finance Practices of TSU Faculty and Personnel	Jhonel Panlilio, Rowena Ramos, Remedio Tamina	Actual Participation: the Effects of Information Sharing and Familiarity Team on Budget Decision Quality
Management Accounting Practices (MAPs) of Small and Medium-sized Manufacturing Enterprises in the City of Tarlac	Henry D. Rufino	Innovative Management Accounting Practices for Sustainability of Manufacturing Small and Medium Enterprises
Management Accounting Practices (MAPs) of Small and Medium-sized Manufacturing Enterprises in the City of Tarlac	Henry D. Rufino	Chinese Enterprises' Use of Management Accounting Tools
Spending and Borrowing Practices in the Province of Tarlac	Jhonel Panlilio	The Role of Women's Entrepreneurial Orientation to Access External Financial Supports: Empirical Evidence from the Small and Medium Enterprises (SMEs) in Indonesia using PLS-SEM
Ethno-botanical Survey of Plants Commonly Used for Diabetes	Erwin C. Mina	An Introduction to Bioactive Natural Products and General Applications
Toxicity of CU2+, CD2, and Pb2+ Metal Ions in Chironomids and Factors that Affect Metal Accumulation	Claire C. Lagrana	Accumulation of Cd and Pb in Various Body Parts, Organs and Tissues of <i>Lymantria dispar asiatica</i> (Lepidoptera: Erebidae)
Communication Strategies Employed by Nepalese Learners of English	Brendalyn A. Manzano	Effects of Employing In-service EFL Teachers Strategy-based Instruction on their Performance of Teaching Listening Comprehension in Amman-Jordan
Communication Strategies Employed by Nepalese Learners of English	Brendalyn A. Manzano	Understanding English Speaking Practice in Public Schools in Kazakhstan: A Case Study in Almaty
Communication Strategies Employed by Nepalese Learners of English	Brendalyn A. Manzano	A Systematic overview of issues for Developing EFL Learners' Oral English Communication Skills

TABLE 8. FUNDINGS AWARDED FOR PUBLICATION

RESEARCH TITLE	AUTHOR/S	JOURNAL
Evidence of Transformative Teaching Extracted from the Reflection Logs of Pre-service Teachers using Butin's Cultural Lens	Jasper Jay N. Mendoza	International Journal of Education and Practice
Improved MSHA-1 Algorithm with Mixing Method	Rogel L. Quilala, Theda Flare G. Quilala	Bulletin of Electrical Engineering and Informatics
An Enhanced Overlapping Clustering Algorithm for Data Analysis	Alvincent E. Danganan. Edjie M. De Los Reyes	Bulletin of Electrical Engineering and Informatics
Modified Blowfish Algorithm Analysis using Derivation Cases	Theda Flare G. Quilala, Rogel L. Quilala	Bulletin of Electrical Engineering and Informatics

Collaborative Researches

Establishment of linkages between public and private agencies to identify relevant subjects or problems for research, pursue research endeavors on areas of common concern jointly with these agencies

The university is consistent in establishing collaborative ventures with research-oriented agencies and institutions. It is essential to showcase the researches produced by the faculty researchers to establish research collaborations.

In order to disseminate these, the URO and ESMO organized a coffee and collaboration activity on April 14, 2021. The concerned offices have sent invitation letters addressed to heads of offices of government agencies, private organizations, and state universities and colleges (SUCs) in Tarlac and Region III to participate in the presentation of the university's research and extension agenda and identified priority programs. Aside from external stakeholders, the URO and ESMO also invited college deans and representatives to attend the activity.

Table 9 shows the list of collaborative researches in 2021.

TITLE	RESEARCHER/S	COLLABORATING AGENCY
Assessment of Integration of Environmental Education (IEE) in the New Teacher Education curriculum (NTEC) of SUCs in Region 3: Exploring Steps towards Curriculum Greening.	Julieta M. Lagasca Teody San Andres Alma M. Corpuz	Bulacan State University
A Survey on the Telepsychology Practices of Licensed Counselors and Psychologists in the Philippines	Laarni T. Capinding Alain Bernal	Holy Angel University
Three-Decadal Changes in the Agricultural Lands of Tarlac City, Philippines	Wesley S. Gagarin Arnan Araza	Wageningen University

Externally- funded Researches

Aside from collaborative researches with other research institutions, the university also promotes collaborative research undertakings with external funding from private and public organizations.

Table 10 shows the list of researches co-funded by other organizations, both from public and private sectors.

TABLE 10.

RESEARCH TITLE	PROPONENT/S	FUNDING AGENCY
Pilot-Testing of a Multi-Adaptive Continuous Solar Power Charging System for Electric Utility Vehicle (EUW)	Myrna Q. Mallari, Rodel T. Botio, Arme N. Rosel, Jhanel P. Panlilio, Leo P. Piao, Rico Teodoro	Department of Science and Technology-3
Development, Fabrication and Performance Evaluation of an Integrated Solar Power Generator and Water/ Irrigation Pump (Phase 3: Technology Demonstration and Commercialization)	Myrna Q. Mallari, Rodel T. Botio, Edjie M. De Los Reyes, Jhanel P. Panlilio, Edgar Macaraeg, Erwin C. Mina	Department of Agriculture Region III
Utilization of Calamansi (<i>Citrofortunella Microcarpa</i>) as Enricher to Flavoured Gummy Jelly Candy	Abegail F. Feliciano, Lea B. Milan, Aljon N. Lusong	R.P. Corpus Sales Enterprises
Standardization of Process, Product Specification, and Packaging of Artisanal "Chicharon Camiling" of Tarlac Province	Lea B. Milan, Abegail F. Feliciano, Mary Katherine A. Apolonio, Kristine Mae G. Pagala, Aljon N. Lusong, Geraldine R. Gamoso, Jaidriel Meg G. Cabanding, Claire C. Lagrana, Marnella O. Guinto, Maryliz L. Sison	Department of Science and Technology

TABLE 11. APPROVED SPECIAL RESEARCH PROJECTS

PROPONENT	RESEARCH TITLE
Engr. Larry A. Suboc, Dr. Miriam S. Galvez, Dr. Leo Piao, Engr. Aldrin Joar R. Taduran, Engr. Michael B. Tomas, Engr. Adam F. Rombaoa	Design and Development of Hybrid Utility Vehicle
Heidilyn V. Gamido, Arnel A. Punla, Larry A. Suboc, Bryan Christopher C. Sico, Ferdinand L. Marcos, Jesus R. Valdoz Jr	Contactless Gate Access and Monitoring Identification System: COVID- 19 Response
Jaidriel Meg Cabanding, Geraldine Gamoso, Xyris Gerard Fernandez	Optimization and Production of Alcohol-Based Hand Sanitizer Formulation based on the World Health Organization (WHO)- Recommended Formulation
Dr. Myrna Q. Mallari, Angelo Mandap	Researcher's Difficulties: Strengthening the Level of Research Writing Competencies and Overcoming Completion and Publication Productivity
Maricar Banting, Anna May Angeles, Dick Tuazon	Impact Evaluation of the 2018 Technical Assistance of Mechanical Engineering Program on Design and Fabrication of Production Tools for the Selected Micro Food Processors (2) of Tarlac City
Dr. Myrna Q. Mallari, Angelo Mandap	Societal Impact Assessment of the Continuing Education Services to the Professional Competency of TRADOC Philippine Army
Mary Jane Rigor, Bertrand Aldous Santillan, Wesley Gagarin, Geraldine Gamoso, Xyris Gerard Fernandez, Jasmin Quilala, Emmanuel Lacadin	An Environmental Impact Assessment of the TSU Lagoon and its Potential for Native Freshwater Fish Propagation and Avifaunal Diversity Conservation
Maryliz L. Sison Angela Christine Pangilinan	A Root-Cause Analysis on the Challenges of New Faculty Members of Tarlac State University

2021 PRESENTED RESEARCHES

COLLEGE	RESEARCH TITLE	AUTHOR/S	TITLE OF FORUM/CONFERENCE	TYPE OF FORUM/CONFERENCE	CONFERENCE DATE
CBA	Relationship of Operating Segments (IFRS 8) and Profitability of Universal Banks in the Philippines	Henry D. Rufino	1st International Multidisciplinary Online Conference	INTERNATIONAL	December 9-11, 2021
CBA	Technological Innovativeness of Micro Entrepreneurs in Tarlac City	Bryan Jan S. Dizon	1st International Multidisciplinary Online Conference	INTERNATIONAL	December 9-11, 2021
CBA	The Intrapreneurship Practices of TSU-BS Entrepreneurship Graduates in the Workplace	limuel Pavico	1st International Multidisciplinary Online Conference	INTERNATIONAL	December 9-11, 2021
CCJE	Victim Survivor of Forced Labor among Aetas: A Case Study in tarlac	Ramil M. Las-igan	1st International Multidisciplinary Online Conference	INTERNATIONAL	December 9-11, 2021
CPAG	Assessment of Competency of Barangay Officials in Municipality of Concepcion, Tarlac	Patricia Ann D. Estrada, Izelle C. Francisco, Jerich Ralph S. Lobo	1st International Multidisciplinary Online Conference	INTERNATIONAL	December 9-11, 2021
CPAG	Citizen Satisfaction on Governance and Response in the Municipality of Concepcion, Tarlac	Patricia Ann D. Estrada	1st International Multidisciplinary Online Conference	INTERNATIONAL	December 9-11, 2021
CPAG	Plight of Disadvantaged Elderly in the City of Tarlac: A Case Study	Jerich Ralph S. Lobo	1st International Multidisciplinary Online Conference	INTERNATIONAL	December 9-11, 2021
CPAG	Towards Fostering Knowledge Co-Creation: A Case Study of Knowledge Management Implementation among Selected LGUs in the Province of Tarlac	Maria Tiara Fatima F. Galang, Vien Jamaica Samson	1st International Multidisciplinary Online Conference	INTERNATIONAL	December 9-11, 2021
CTE	Secondary School Teachers' Perspectives and Involvement in Climate Change Action/Mitigation: Bases for an Action Plan	Cynthia G. Quiambao. Alma M. c..91291,	1st International Multidisciplinary Online Conference	INTERNATIONAL	December 9-11, 2021
CTE	Integration of Environmental Education (EE) in Teacher Education Programs: Towards Sustainable Curriculum Greening	Julieta M. Lagasca, Teody San Andres, Alma M. Corpuz	1st International Multidisciplinary Online Conference	INTERNATIONAL	December 9-11, 2021
CTE	Archetypes of Women in Philippine Fictions	Ninez B. Tulo – Tarlac State University	1st International Multidisciplinary Online Conference	INTERNATIONAL	December 9-11, 2021
COS	Water Quality and Ambient Environmental Conditions of Food Service Establishments in Tarlac City, Philippines	Lea B. Milan, Jaidriel Meg G. Cabanding, Geraldine R. Gamoso, Wesley S. gagarin, Maryllis S. Sison	1st International Multidisciplinary Online Conference	INTERNATIONAL	December 9-11, 2021
COS	Composition and Process of Improving the Stability of Non Carbonated Calamansi (<i>Citrofortunella macrocarpa</i>) Ready-to-drink Juice	Lea B. Milan and Abegail F. Feliciano	1st International Multidisciplinary Online Conference	INTERNATIONAL	December 9-11, 2021
COS	Improving the Composition and Process of Producing Sweet Potato-based Desserts using Extension-Led R&D Approach	Lea B. Milan	1st International Multidisciplinary Online Conference	INTERNATIONAL	December 9-11, 2021
CCS	OCKMEX: An Effective Approach for Overlapping Clustering with K-Median Extension Algorithm	Alvincent Danganan	1st International Multidisciplinary Online Conference	INTERNATIONAL	December 9-11, 2021
CCS	Development and Implementation of Supply and Property Management System: A Model for State Universities and Colleges in the Philippines and Real-Life Situations	Heidilyn V. Gamido, Marlon V. Gamido	1st International Multidisciplinary Online Conference	INTERNATIONAL	December 9-11, 2021
CTE	Continuing professional development of the teacher education faculty among state universities and colleges in region III	Ninez B. Tulo	1st International Multidisciplinary Online Conference	INTERNATIONAL	December 9-11, 2021
CTE	Online Modyul para sa MAED-Fil Pagsasalang Wika: Isang Pagtataya	Jessica Marie I. Dela Pena, Arlyn C. Cura, Juvy V. Galamay	1st International Multidisciplinary Online Conference	INTERNATIONAL	December 9-11, 2021
COS	Development and Validation of a Research Workbook Using a Simplified Writing Approach	Alma M. Corpuz, Cynthia G. Quiambao	1st International Multidisciplinary Online Conference	INTERNATIONAL	December 9-11, 2021
COS	Mapping and Improving the Composition and Process of Producing Sweet Potato-based Desserts	Lea B. Milan	3rd National Conference on Food, Environment, Engineering and Technology	NATIONAL	September 15-17, 2021
CCS	Web-based Performance Monitoring System for Higher Educational Institutions in the Philippines	Jay Pabustan, Heidilyn Gamido	1st International Multidisciplinary Online Conference	INTERNATIONAL	December 9-11, 2021
CCS	Energy Consumption Analysis in a Computer Laboratory	Dennis Y. Virtuadazo	1st International Multidisciplinary Online Conference	INTERNATIONAL	December 9-11, 2021

2021 PUBLISHED RESEARCHES

COLLEGE	RESEARCH TITLE	AUTHOR/S	TITLE OF JOURNAL OR PUBLICATION	VOL. NO. & ISSUE NO.	ISSN/ISBN
CASS	The Mediating Effects of Ego Resilience on the Relationship between Professionalism Perception and Technostress of Early Childhood Teachers	Jiyoung Lee	International Journal of Learning, Teaching and Educational Research	Vol. 20 No. 4	ISSN: 1694-2116
CCS	eHMCOKE: An Enhanced Overlapping Clustering Algorithm for Data Analysis	Alvincent E. Danganan, Edjie M. De Los Reyes	Bulletin of Electrical Engineering and Informatics	Vol. 10 No. 4	ISSN: 2302-9285
CCS	Improved MSHA-1 Algorithm with Mixing Method	Rogel L. Quilala, Theda Flare G. Quilala	Bulletin of Electrical Engineering and Informatics	Vol. 10 No. 4	ISSN: 2302-9285
CCS	Modified Blowfish Analysis using Derivation Cases	Theda Flare G. Quilala, Rogel L. Quilala	Bulletin of Electrical Engineering and Informatics	Vol. 10 No. 4	ISSN: 2302-9285
COS	Food Safety Compliance and Challenges of Micro Food Business Operators: Implications to COVID-19 Pandemic	Lea B. Milan, Abegail F. Feliciano, Aljon N. Lusong	Recoletos Multidisciplinary Research Journal	Vol. 9 No. 2	ISSN: 2408-3755

2021 CITED RESEARCHES

COLLEGE	CITING ARTICLE/BOOK	CITING JOURNAL/BOOK	AUTHOR/S
CCS	Data Modelling and Data Processing Generated By Human Eye Movements	International Journal of Electrical and Computer Engineering	Heidilyn V. Gamido & Marlon V. Gamido
CCS	Implementing data-driven decision support system based on independent educational data mart	International Journal of Electrical and Computer Engineering	Heidilyn V. Gamido & Marlon V. Gamido
CCS	Real-time FPGA Implementation of concatenated AES and IDEA cryptography system	Indonesian Journal of Electrical Engineering and Computer Science	Heidilyn V. Gamido
CCS	Linear Equation for Text Cryptography Using Letters' Coordinates	Indonesian Journal of Electrical Engineering and Computer Science	Heidilyn V. Gamido
CCS	Improvement Security in E-Business Systems Using Hybrid Algorithm	TELKOMNIKA Telecommunication, Computing, Electronics and Control	Heidilyn V. Gamido
CCS	Enhancement in Data Security and Integrity using Minhash Technique	Indonesian Journal of Electrical Engineering and Computer Science	Rogel Quilala
CCS	A Metaheuristic Approach to Secure Multimedia Big Data for IoT Based Smart City Applications	Wireless Communications and Mobile Computing	Rogel Quilala

2021 PUBLISHED RESEARCHES

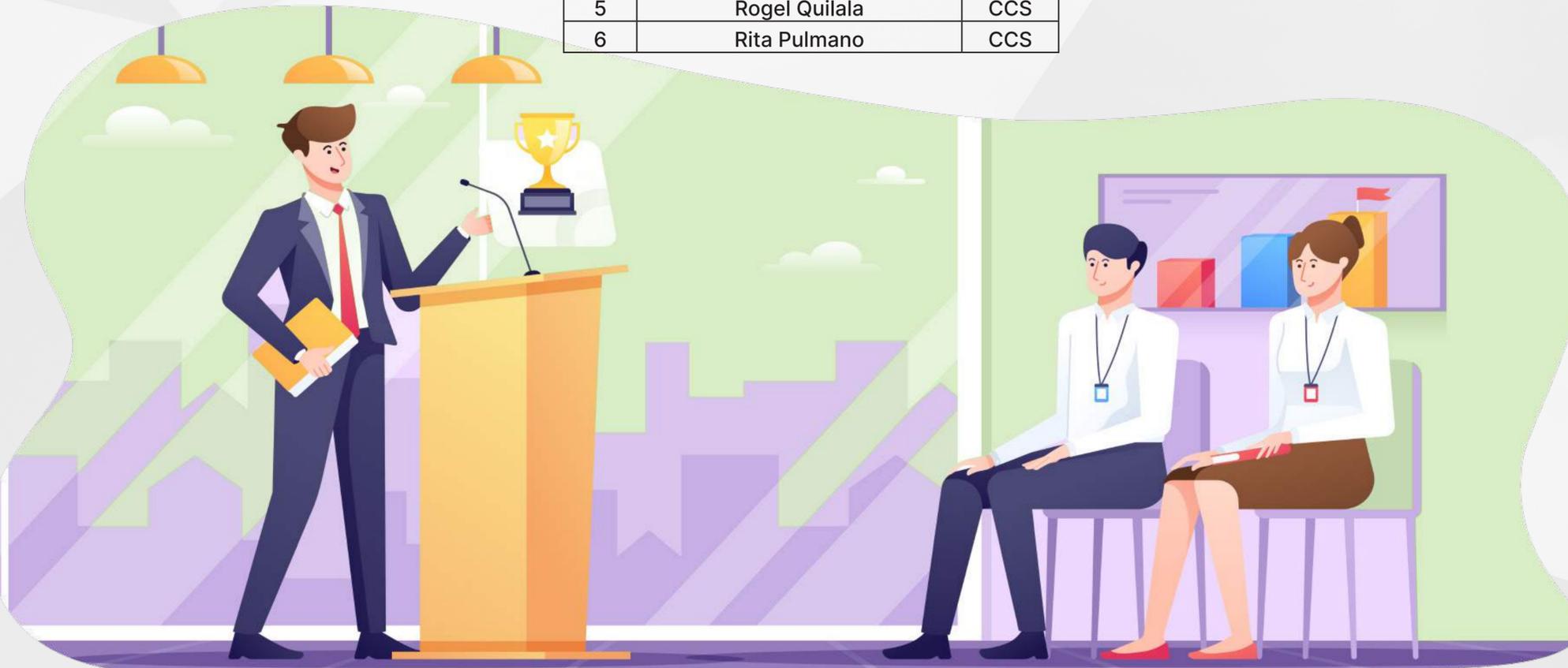
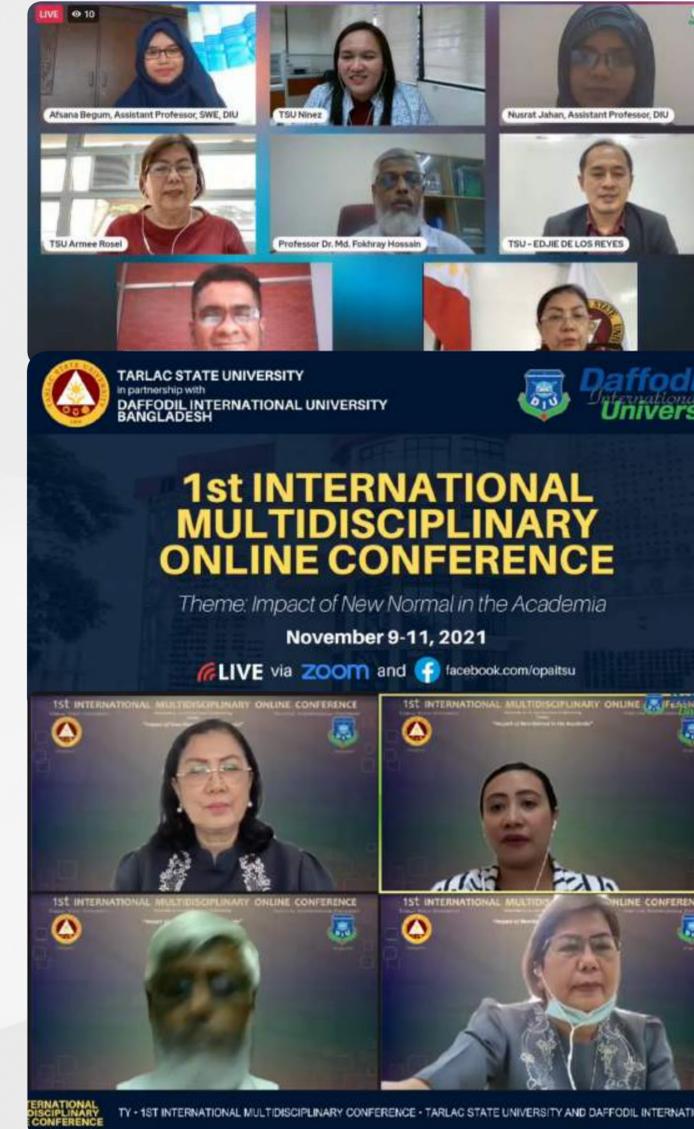
COLLEGE	CITING ARTICLE/BOOK	CITING JOURNAL/BOOK	AUTHOR/S
CCS	Secure Framework enhancing AES Algorithm in Cloud Computing	Security and Communication Networks	Edjie M. De Los Reyes
CCS	Home Appliances Recommendation system Based on weather Information using Combined Modified K-Means and Elbow algorithms	Indonesian Journal of Electrical Engineering and Computer Science	Alvincent E. Danganan
CCS	A Lightweight Security Scheme for Advanced Metering Infrastructures in Smart Grid	Bulleting of Electrical Engineering and Informatics	Heidilyn V. Gamido, Marlon V. Gamido
CCS	Triple Layer Image Security using Bit-shift, Chaos, and Stream Encryption	Bulleting of Electrical Engineering and Informatics	Heidilyn V. Gamido, Marlon V. Gamido
CCS	A Semi-supervised ge-Aware Classification for Wide Area Networks with Limited resources	International Journal of Innovative Technology and Exploring Engineering	Alvincent E. Danganan
CCS	A Metaheuristic Approach to Secure Multimedia Big Data	Wireless Communications and Mobile Computing	Edile M. De Los Reyes
CBA	Unleashing the Role of e-Learning in Student Engagement Practices and Accounting Professional Competencies	Journal of Applied Research in Higher Education	Henry D. Rufino, Rhene G. Payabyab, Grace T. Lim
CBA	The food safety knowledge of street food vendors and the sanitary compliance of their vending facilities, Johannesburg, South Africa	Journal of Food Safety	Criselda Alamo-Tonelada, Ferdinand Y. Silaran, Maria, Cristina A. Bildan
CBA	Accounting Information System Courses: Developing a Hybrid Syllabus in the Era of Digitization	International Journal of Digital Accounting Research	Nelvin R. Nool, Maria Agnes P. Ladia
CBA	The role of women's entrepreneurial orientation to access external financial supports: empirical evidence from the small and medium enterprises (SMEs) in Indonesia using PLS-SEM	International Journal of Trade and Global Markets	Jhone C. Panlilio
CBA	Chinese Enterprises' Use of management Accounting Tools	Book: Management Accounting in China and Southeast Asia	Henry D. Rufino
CBA	Innovative management Accounting Practices for Sustainability of Manufacturing Small and Medium Enterprises	Environment, Development and Sustainability	Henry D. Rufino
CBA	Actual Participation: The Effects of information Sharing and Familiarity Team on Budget Decision Quality	International Journal of Monetary Economics and Finance	Dr. Jhone Panlilio, Dr. Rowena Ramos, Prof. Remedio Tamina
CET	Correlation between coastline soil loss rate and artificial intelligence English vocabulary based on GIS system	Arabian Journal of Geosciences	Murphy Mohammed
CET	Influence of GIS technology on coastal atmospheric climate and employees innovation intention	Arabian Journal of Geosciences	Murphy Mohammed
CET	The relationship between ecosystem service supply and demand in plain areas undergoing urbanization: A case study of China's Baiyangdian Basin	Journal of Environmental Management	Murphy Mohammed
CET	Simulating Flash Flood Hydrograph and Behavior Metrics across China: Implication for Flash Flood Management	Science of Total Environment	Murphy P. Mohammed
CET	Financial Market Prediction under Deep learning Framework using Auto Encoder and Kernel Extreme Learning Machine	Applied Soft Computing Journal	Murphy P. Mohammed
CET	Dam Related Disaster Framework for Emerging Preparedness	Planning Malaysia: Journal of the Malaysian Institute of Planners	Murphy P. Mohammed
CASS	A Systematic overview of issues for Developing EFL Learners' Oral English Communication Skills	3L: Language Linguistics, Literature	Criselda Madriaga; Aloysius Madriaga
CASS	Effects of Employing In-service EFL Teachers Strategy-based Instruction on their Performance of Teaching Listening Comprehension in Amman-Jordan	3L: Language Linguistics, Literature	Criselda Madriaga; Aloysius Madriaga
CASS	Understanding English Speaking Practice in Public Schools in Kazakhstan: A Case Study in Almaty	3L: Language Linguistics, Literature	Criselda Madriaga; Aloysius Madriaga
COS	An Introduction to Bioactive Natural Products and General Applications	Bioactive Natural Products for Pharmaceutical Applications-Advanced Structural Materials	Erwin C. Mina
COS	Accumulation of Cd and Pb in Various Body Parts, Organs and Tissues of Lymantria dispar asiatica (lepidoptera: Erebidae)	Journal of Asia-Pacific Entomology	Claire C. Lagrana
CTE	School Profile and Licensure Examination Performance of Teacher Education Graduates in Northern Philippines	Asia Pacific Journal of Multidisciplinary Research	Nelvin Nool & Maria Agnes P. Ladia
CTE	School Profile and Licensure Examination Performance of Teacher Education Graduates in Northern Philippines	Asia Pacific Journal of Multidisciplinary Research	Nelvin R. Nool, Maria Agnes P. Ladia

TABLE 12. MENTOR-MENTEE PROGRAM

The university's Mentor and Mentee Program was approved by the TSU Board of Regents through Resolution No. 86, series of 2020 on November 13, 2020 during its 120th Regular Meeting. It intends to encourage reliable and experienced faculty members to become mentors to faculty members who need assistance in their research endeavors, especially in their research publications.

List of Approved Mentors		
No	Name	College
1	Alvincent Danganan	CCS
2	Murphy Mohammed	CET
3	Edjie De Los Reyes	CCS
4	Theda Flare Quilala	CCS
5	Rogel Quilala	CCS
6	Rita Pulmano	CCS

List of Approved Mentees		
No	Name	College
1	Anna Cazandra P. delos Reyes	CCS
2	Angelo Gabriel Bucad	CAFA
3	Darylle Ann Cea	CAFA

**THE 1ST INTERNATIONAL MULTIDISCIPLINARY ONLINE CONFERENCE**

On October 21, 2021, University Research Office and International Affairs and Linkages Office participated in the virtual MOA signing with Daffodil International University for the establishment of a partnership between the two universities to conduct the 1st International Multidisciplinary Online Conference.

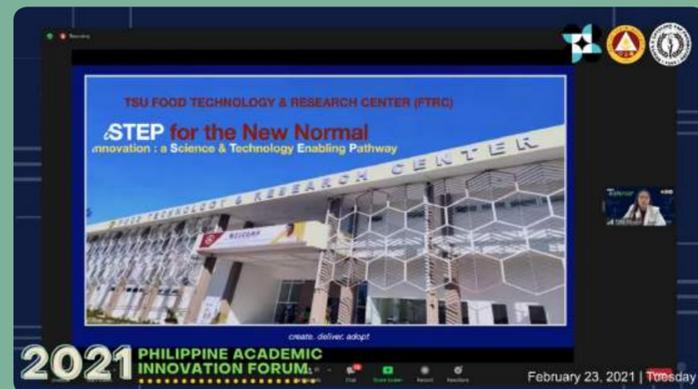
With the theme "Impact of the New Normal in the Academia," TSU and DIU held the research conference on November 9-11, 2021 via Zoom and streamed live via Facebook.

The virtual research conference was participated by 46 SUCs, HEIs, and government agencies in the Philippines and 11 universities from other countries like Nigeria, Somalia, Bangladesh, Thailand, Malaysia, Zambia, Jordan, India, Indonesia, and Pakistan.

2021 PHILIPPINE ACADEMIC INNOVATION FORUM



As part of the initiative of the Benita and Catalina Yap Foundation (BCYF), in collaboration with the DOST, the TSU conducted the "2021 Philippine Academic Innovation Forum" as part of the celebration 2021 Philippine Innovation Month. The said event was done through Zoom meeting and via FB live. Part of the event were presentations from the Directors of the University Research Office and Food Technology and Research Center showcasing the researches of TSU which specialized in solar and food technology.



TSU is now a partner HEI of RIC-3, THRIVE Central Luzon



NHCP, TSU unveils Gen. Aquino's marker in Concepcion town



TSU unveils Pres. Smith's marker at the 1st public HS building in PH



Research and Development Program presentation for Student Affairs Services and College of Computer Science



TSU, Taiwan university meet for food technology research partnership

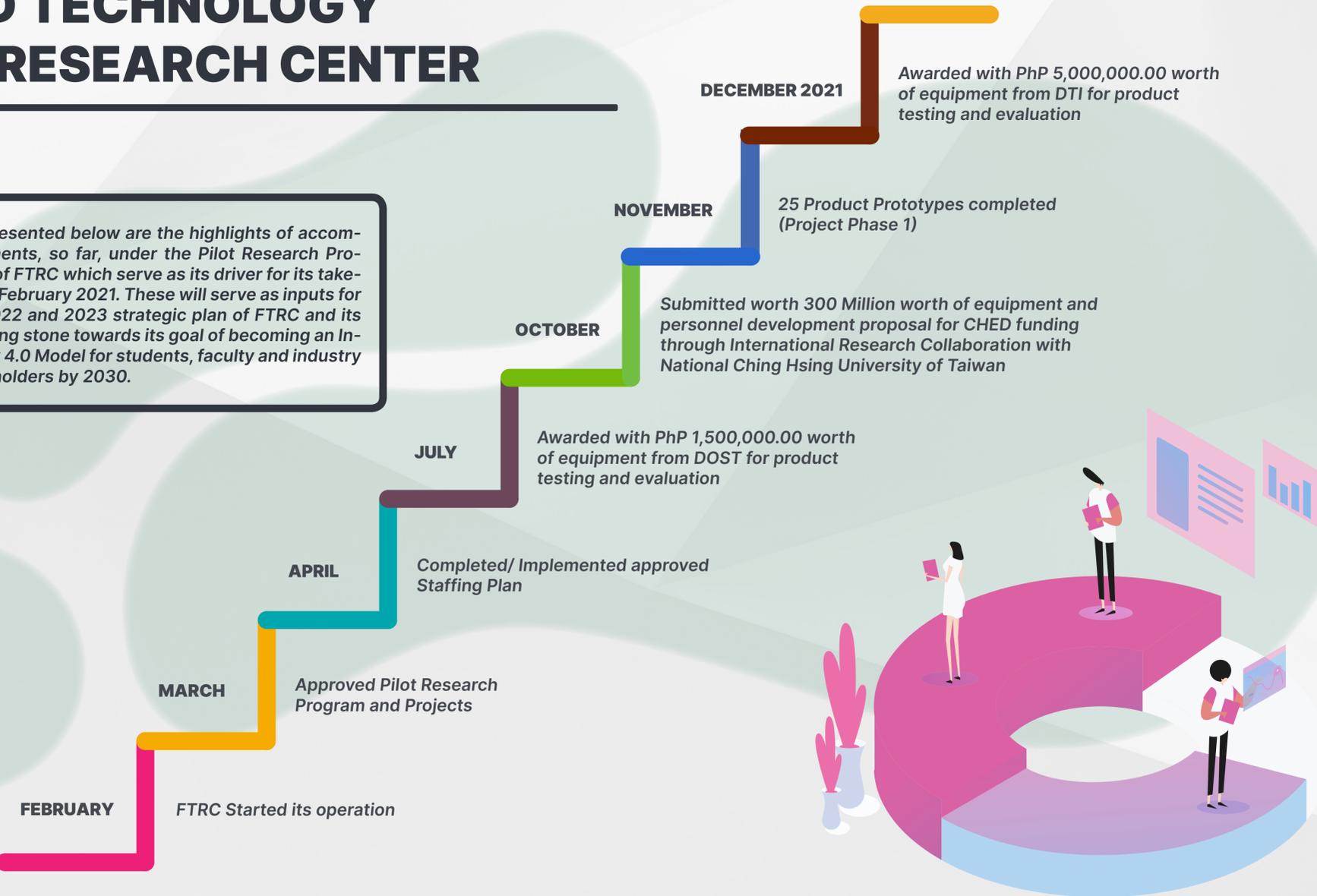


DOST III launches Safe Food Digest with TSU as technical consultant

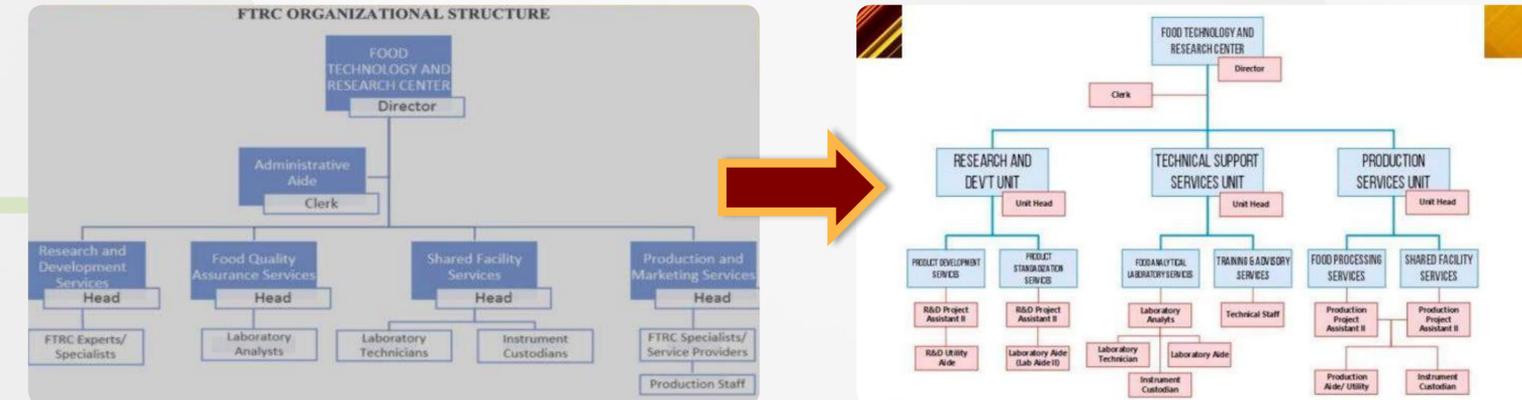
FOOD TECHNOLOGY AND RESEARCH CENTER

2022

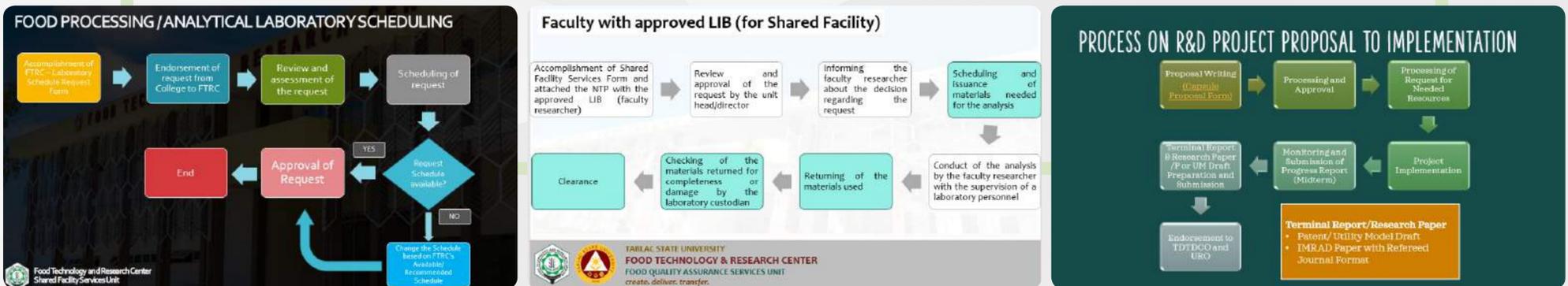
Presented below are the highlights of accomplishments, so far, under the Pilot Research Program of FTRC which serve as its driver for its take-off on February 2021. These will serve as inputs for the 2022 and 2023 strategic plan of FTRC and its stepping stone towards its goal of becoming an Industry 4.0 Model for students, faculty and industry stakeholders by 2030.



ENHANCEMENT OF THE FTRC ORGANIZATIONAL STRUCTURE



ESTABLISHMENT OF SYSTEMS & PROCEDURES FOR FTRC SERVICES





Strengthening Capacity towards Responsive Operation of the Food Technology and Research Center (FTRC) of the Tarlac State University in Bridging the Gaps in Food Technology Research and Commercialization - RD Lead Program



25 FOOD PRODUCT PROTOTYPES

- Calamansi-based Juices
- Turmeric-based tea
- Chicharon Liempo
- Muscovado-based products
- Mango-based products
- Sweet potato-based products, etc.

TSU FOOD TECHNOLOGY CENTER OPENS HONESTY STORE, PURSUES FOOD INNOVATIONS AMID COVID PANDEMIC



5 MILLION WORTH OF EQUIPMENT GRANT FROM DTI AS (SFS)

- Kjeldahl Protein Analyzer Complete Set-up with Digestion System
- Brix Refractometer
- Honey Brix Refractometer
- Saline Refractometer
- Consistometer
- Waterproof pH Meter
- Digital Wired Probe Thermometer
- Thermo Gun
- ATP Testing Meer
- Water Purification System
- Meat Fat meter
- Fish Freshness Meter
- Density Meter/ Specific Gravity Meter



TARLAC STATE UNIVERSITY OFFICE OF PUBLIC AFFAIRS



TURN OVER OF SOLAR- POWERED VEHICLES



On January 29, 2021, the Food Technology and Research Center was inaugurated wherein the Chairperson of the Commission on Higher Education (CHED) Dr. J. Prospero De Vera was invited as the guest speaker. Part of the event is the turn- over of the five solar- powered vehicles as products of a research co- funded by DOST to TSU.



8 LABORATORY SERVICES OFFERED

1. pH
2. Total Soluble Solids (TSS)
3. Water activity
4. Moisture content
5. Consistency Test
6. Salinity
7. Viscosity
8. Temperature

- 45 samples from 17 clients served (MSMEs/students)



18 | PRODUCTION EQUIPMENT AS SHARED FACILITY SERVICES

- Smokehouse Oven
- Dehydrator
- Meat Grinder
- Meat Slicer
- Bowl Chopper
- Sausage Linker
- Sausage Stuffer
- Vegetable Cutter
- Noodle Makaer
- Pulverizer
- Pasteurizer
- Vacuum Packaging
- Continuous Band Sealer
- Impulse Sealer
- Pedal Type Sealer
- Form, Fill, and Seal Machine
- Industrial Mixer
- Industrial Type Electric Gas Oven

- 17 requests served (MSMEs/ students/ faculty)



TECHNICAL CONSULTANCY, PRODUCTION AND RESEARCH & DEVELOPMENT SERVICES UNIT

YouTube OPEN APP

Research Pod · 14h ·

RDLead goes sikat on Siyensikat Pinoy Popular Science Para Sa Lahat

Watch on CNN Philippines!

Featuring RDLead Engagement at Tarlac State University (TSU)

November 13, 2021 | Saturday with reruns on the same day at 4:00 PM

and November 14, 2021 | Sunday 8:00 AM and 4:00 PM

DR. MYRNA Q. MALLARI
TARLAC STATE UNIVERSITY





COMMUNITY EXTENSION SERVICE

ROADMAP C : RESEARCH AND COMMUNITY SERVICE DEVELOPMENT

TSU DELIVERED A TOTAL OF 178 OFFICE/ COLLEGE-INITIATED EXTENSION PROJECTS

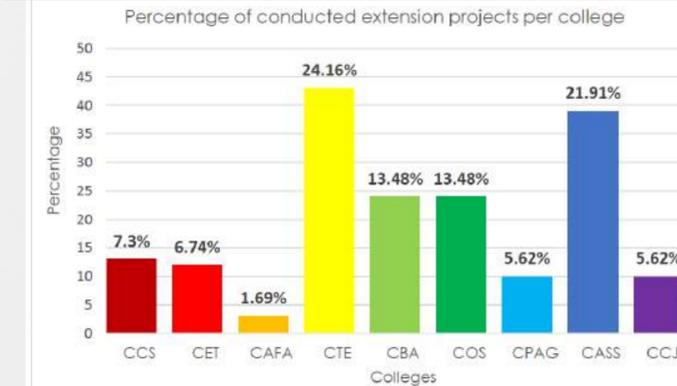


FIGURE 1.0 CONDUCTED EXTENSION PROJECTS



TSU EXTENSION FACULTY INVOLVEMENT ACCOUNTED FOR 90.88%

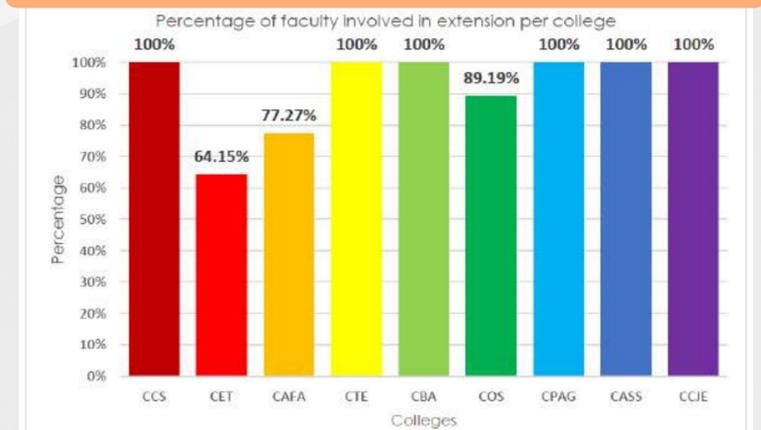


FIGURE 2.0 EXTENSION FACULTY INVOLVEMENT PER COLLEGE

NOTABLE EXTENSION PROJECTS OF COLLEGES IN 2021



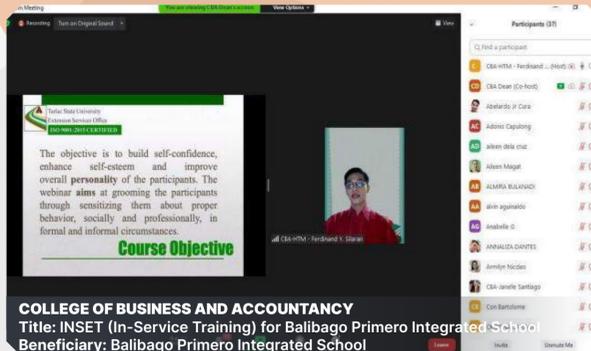
COLLEGE OF ARCHITECTURE AND FINE ARTS
 Title: ArchTalk: A Three-part Lecture Series
 Beneficiary: United Architects of the Philippines (UAP) -Tarlac



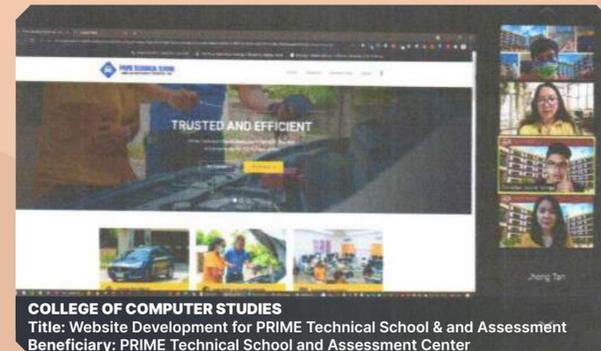
COLLEGE OF TEACHER EDUCATION
 Title: Project S.I.K.A.P. (Siya, Ikaw, Kayo, Ako sa ating Pag-unlad)
 Beneficiary: Sitio Dalig, Sta. Juliana, Capas Tarlac



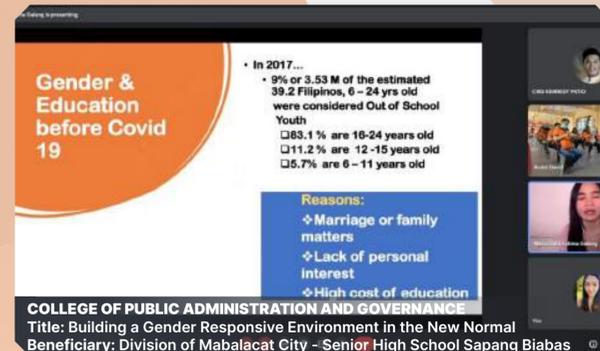
COLLEGE OF ARTS AND SOCIAL SCIENCES
 Title: Regional Blended Training and E-Filing System
 Beneficiary: Department of Education Regional Office III



COLLEGE OF BUSINESS AND ACCOUNTANCY
 Title: INSET (In-Service Training) for Balibago Primero Integrated School
 Beneficiary: Balibago Primero Integrated School



COLLEGE OF COMPUTER STUDIES
 Title: Website Development for PRIME Technical School & and Assessment Center
 Beneficiary: PRIME Technical School and Assessment Center



COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE
 Title: Building a Gender Responsive Environment in the New Normal
 Beneficiary: Division of Mabalacat City -Senior High School Sapang Biabas



COLLEGE OF SCIENCE
 Title: Seminar-Write shop on the Preparation of Food Safety Manuals
 Beneficiary: Amia Cruz Agriculture Cooperative



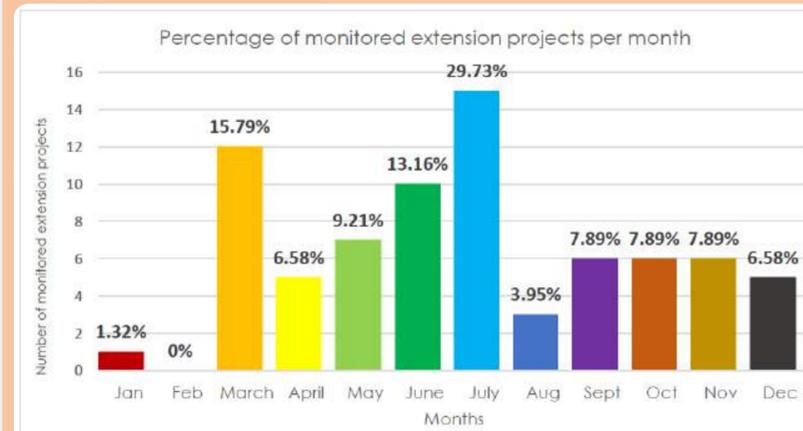
COLLEGE OF CRIMINAL JUSTICE EDUCATION
 Title: Project Bukang Liwayway
 Beneficiary: Sitio Ye Young, Brgy. Sta. Juliana, Capas, Tarlac



COLLEGE OF ENGINEERING AND TECHNOLOGY
 Title: Conceptualization of Covered Court Facility of TNHS Main Campus
 Beneficiary: Tarlac National High School - Main Campus

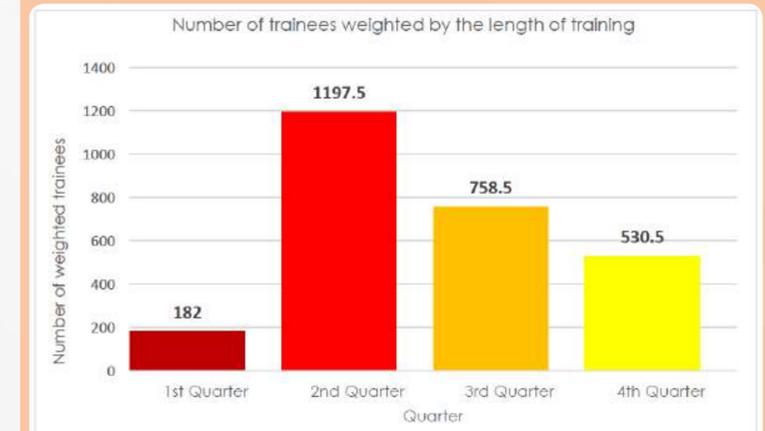
ESMO MONITORED THE IMPLEMENTATION OF 76 EXTENSION PROJECTS

FIGURE 12.0 MONITORED EXTENSION PROJECTS



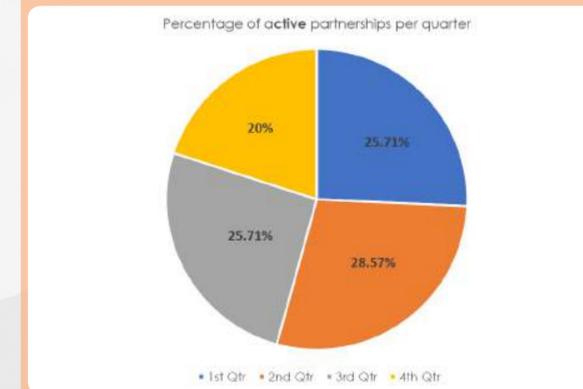
A TOTAL OF 2,668.5 TRAINEES WEIGHTED BY THE LENGTH OF TRAINING HAS A TOTAL OF

FIGURE 14.0 TRAINEES WEIGHTED BY THE LENGTH OF TRAINING



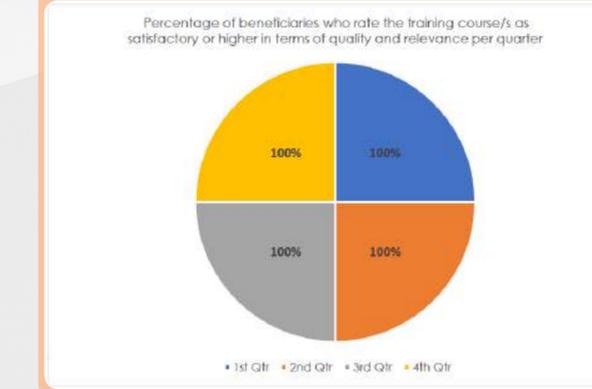
TSU FORGED 35 ACTIVE PARTNERSHIPS WITH LGUS, INDUSTRIES, NGOS, NGAS, SMES, AND OTHER STAKEHOLDERS AS A RESULT OF EXTENSION ACTIVITIES OUTPUT INDICATORS

FIGURE 13.0 ACTIVE PARTNERSHIPS



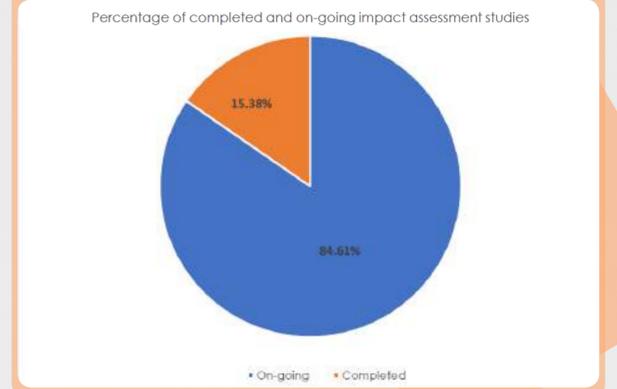
BENEFICIARIES RATED THE TRAINING COURSE(S) AND ADVISORY SERVICES AS SATISFACTORY OR HIGHER IN TERMS OF QUALITY AND RELEVANCE ACCOUNTED FOR 100%

FIGURE 15.0 BENEFICIARIES WHO RATE THE TRAINING COURSE(S) AS SATISFACTORY OR HIGHER



ESMO MONITORED THE CONDUCT OF 13 IMPACT ASSESSMENT STUDIES

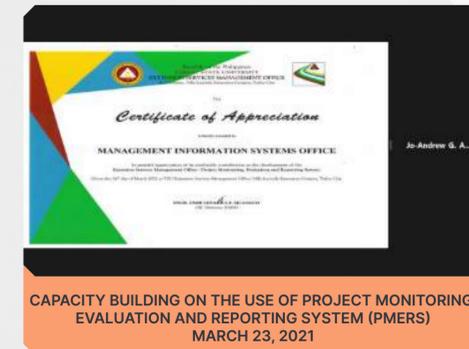
FIGURE 16.0 COMPLETED AND ON-GOING IA STUDIES



THE DEVELOPMENT CHRONICLE THE OFFICIAL MAGAZINE OF THE TARLAC STATE UNIVERSITY EXTENSION SERVICES MANAGEMENT OFFICE



ESMO ACCOMPLISHMENTS AND ACTIVITIES



CAPACITY BUILDING ON THE USE OF PROJECT MONITORING, EVALUATION AND REPORTING SYSTEM (PMERS) MARCH 23, 2021



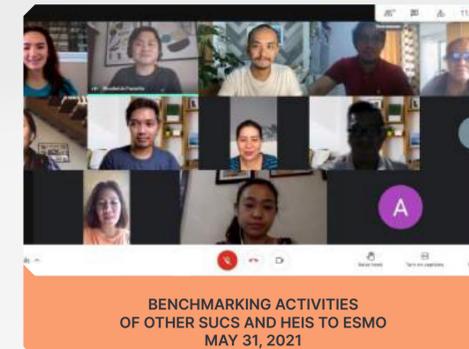
PRESENTATION OF THE EXTENSION AND RESEARCH NEEDS AND PRIORITY PROGRAMS OF TSU STAKEHOLDERS APRIL 7, 2021



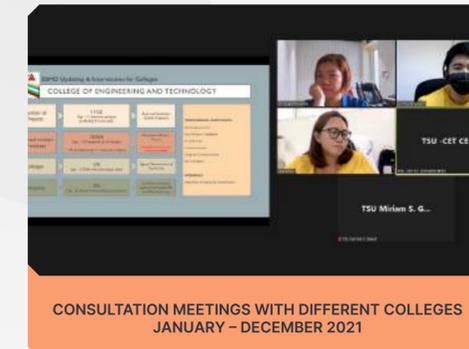
COFFEE AND COLLABORATION: RESEARCH AND EXTENSION AGENDA PRESENTATION TO STAKEHOLDERS APRIL 14, 2021



SERVED AS HOST IN THE REGION III "PADYAK SA EXTENSION AND PRODUCTIVITY" AND RECEIVED A PLAQUE OF RECOGNITION MAY 20, 2021



BENCHMARKING ACTIVITIES OF OTHER SUCS AND HEIS TO ESMO MAY 31, 2021



CONSULTATION MEETINGS WITH DIFFERENT COLLEGES JANUARY - DECEMBER 2021



COLLEGES AND UNIVERSITIES PUBLIC SERVICE CONFERENCE (CUPSCON) OCTOBER 21-22, 2021



5TH INTERNATIONAL RESEARCH, DEVELOPMENT AND EXTENSION (RDE) MANAGEMENT CONGRESS & 13TH NATIONAL PHILARM CONVENTION DECEMBER 9-10, 2021



TSU WAS RECOGNIZED BY THE DTI PAMPANGA IN PAMITIPUN 2021 | DECEMBER 20, 2021



INSTITUTIONAL ACCREDITATION AREA V ONLINE VISIT AND MEETING DECEMBER 9, 2021



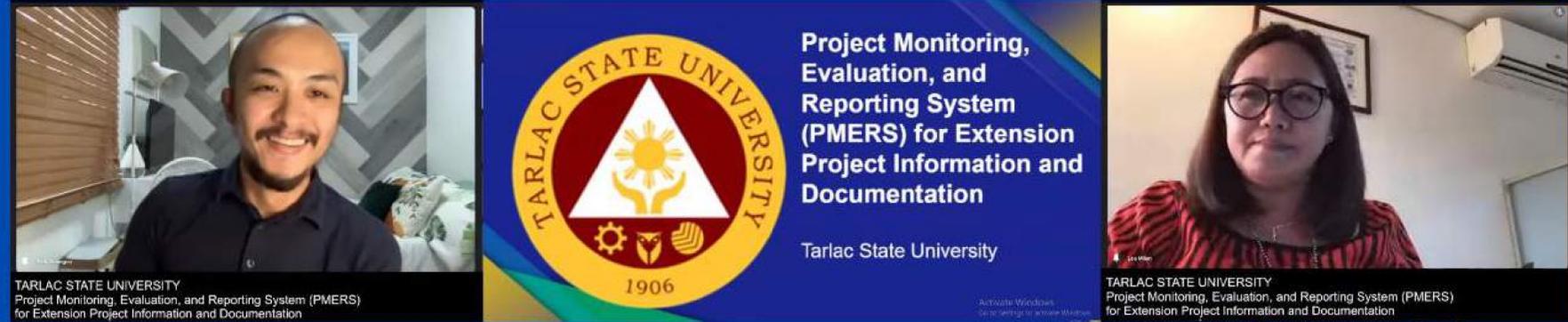
2021 PHILIPPINE ASSOCIATION OF EXTENSION PROGRAM IMPLEMENTORS, INC (PAEPI) NATIONAL CONVENTION ON EXTENSION DECEMBER 14-15, 2021



CONGRATULATIONS!

Tarlac State University

Project Monitoring, Evaluation, and Reporting System (PMERS) for Extension Project Information and Documentation

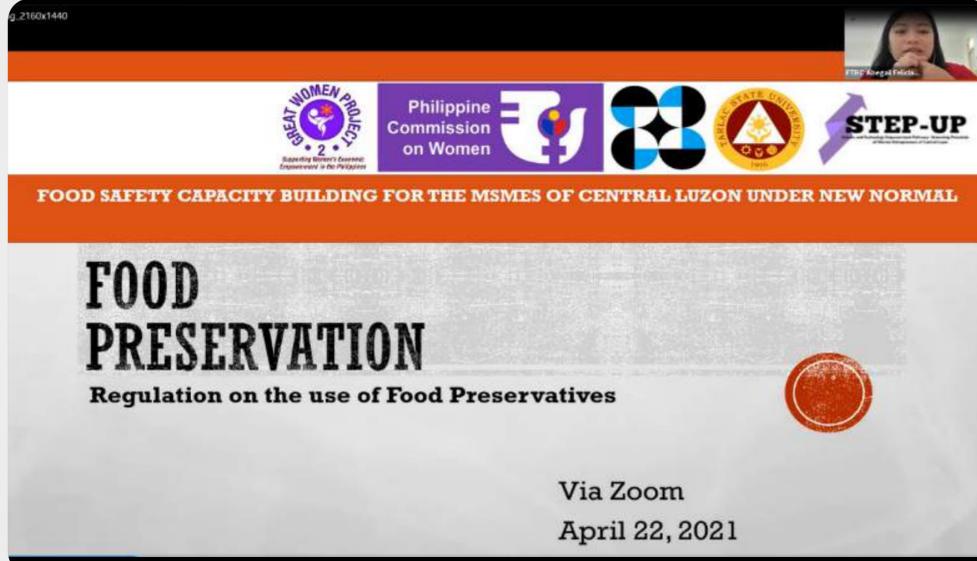


GOVERNMENT BEST PRACTICE RECOGNITION 2021

Development Academy of the Philippines (DAP)

TARLAC STATE UNIVERSITY'S ENTRY TITLED PROJECT MONITORING, EVALUATION, AND REPORTING SYSTEM (PMERS) WAS HAILED AS ONE OF THE TOP FIVE WINNERS IN THE GOVERNMENT BEST PRACTICE RECOGNITION 2021 OF THE DEVELOPMENT ACADEMY OF THE PHILIPPINES (DAP).

THE PMERS WAS FIRST DEVELOPED IN 2019 THROUGH AN IN-HOUSE COLLABORATION WITH THE EXTENSION SERVICES MANAGEMENT OFFICE (ESMO), MANAGEMENT INFORMATION SYSTEMS OFFICE (MISO), AND THE COLLEGE OF COMPUTER STUDIES (CCS).




21

TECHNICAL ADVISORY SERVICES

- 206 weighted number of trainees
- 64 MSM Food Business Operators
- 17 Active linkages



TECHNICAL CONSULTANCY, PRODUCTION AND RESEARCH & DEVELOPMENT SERVICES UNIT

4

Food technology Utility Model Applications submitted to IPOPhil

6

MOAs forged with Government Institution and Private Companies on Food Technology

6

Training Activities for TSU Faculty Members

4

EXTERNALLY FUNDED PROJECTS | FROM DOST



1. Standardization of Process, Product Specification & Packaging of Artisanal "Chicharon Camiling" of Tarlac Province approved on June 22, 2021 (2.5 Million)



2. STEP-UP Women Entrepreneurs: Science and Technology Empowerment Pathway Unleashing Potentials of Women Entrepreneurs (A Food Safety Capacity Building Program for Selected WMEs of Central Luzon Under the New Normal)



3. Provision on Interactive Food Safety (iFS) Technical Consultancy Services to Eleven (11) MSMEs in Region III



4. Provision of Interactive Food Safety (iFS) Technical Consultancy Services to Ten (10) MSMEs in Region III

IP AWARENESS



TSU JOINED THE NATIONAL IP MONTH CELEBRATION

Tarlac State University joined the nation in celebrating the 2021 National Intellectual Property Month, through the Technology Development, Transfer and Commercialization Office. TDTCO conducted a webinar, "Foundation Course on IP for Faculty Members", the first of the series of webinars prepared for the month-long celebration. It was attended by some 50 faculty members from different colleges of the University and was graced by the presence of VP for Research and Extension Services, Dr. Armee N. Rosel. The topics discussed were the basics on Intellectual Property Rights (IPR) and the Technology Transfer and Commercialization (TTC) process of the University, by Engr. Emir Lenard S.F. Sicangco (Director, TDTCO) and Ms. Francelle L. Calub (Unit Head, TTC), respectively.



TDTCO, LMS TEAM UP FOR WEBINAR ON COPYRIGHT AND RELATED RIGHTS

April 20, 2021 – The Technology Development, Transfer and Commercialization Office, in cooperation with Library Management and Services, conducted a webinar on Copyright and Related Rights for the librarians of the University. The webinar focused on the pertinent copyright provisions of the Intellectual Property Code of the Philippines in relation to the function of the LMS of the University. The webinar is conducted for the purpose of capacity building of our LMS in providing adequate assistance for the undergraduate and graduate library users of the University in the new normal without compromising the copyrights and related rights of the owners and authors of the various materials offered in our libraries.



TDTCO, LINGUISTIC SOCIETY CONDUCT FOUNDATION COURSE ON IP: COPYRIGHT

Technology Development, Transfer and Commercialization Office (TDTCO) partners with the Linguistic Society in conveying awareness on intellectual property to some 90 student members of the latter with Ms. Francelle L. Calub, Technology Transfer and Commercialization Unit Head, as the resource speaker. The discussion of the webinar was centered particularly on copyrights as the participants are dealing with literary and artistic works being artists themselves. Ms. Calub provided points on how to acquire copyrights, their types, ways of infringement, and penalties therefor. The webinar is in line with the celebration of the National Intellectual Property Month 2021.



TDTCO WRAPS UP 3-DAY PATENT SEARCH AND CLAIMS WRITESHOP

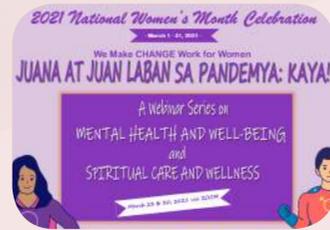
The Technology Development, Transfer and Commercialization Office has concluded its 3-day writeshop on Patent Search and Claims Drafting with participants from the College of Science, College of Business and Accountancy, College of Teacher Education, and College of Engineering and Technology. The activity aimed to strengthen the capability of faculty-inventors of the University in terms of patent search and drafting to encourage them to develop innovations and inventions which are patentable and can be utilized by the community through technology transfer and commercialization.



"Gender Sensitivity Training"



"Women in Diplomacy"



"Mental Health and Well-being" and "Spiritual Care and Wellness" with the theme "Juana at Juan Laban sa Pandemya: Kaya!"



"Webinar on LGBTQ+ Rights and Sexual Orientation, Gender Identity and Expression, and Sex Characteristics (SOGIESC)"



Harmonized Gender and Development Guidelines (HGDG)



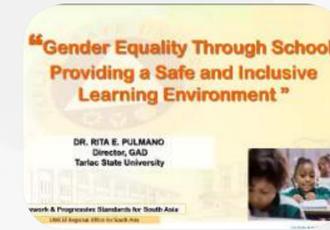
Salient topics R.A. 9442 – Magna Carta for Disabled Persons and R.A. 9994 -Expanded Senior Citizens Act 2010



"Gender-Responsive Education in Times of Pandemic"



"Gender-Responsive Education Amidst the Covid-19 Pandemic"



"Gender Equality through School: Providing a Safe and Inclusive Learning Environment"



"Webinar on R.A. 11313 or known as the Safe Spaces Act (Bawal Bastos Law)"

FEBRUARY 11, 2021

MARCH 22, 2021

MARCH 23-30, 2021

JUNE 25, 2021

JULY 16, 2021

JUNE 07, 2021

JULY 19, 2021

SEPTEMBER 03, 2021

OCTOBER 08, 2021

SEPTEMBER 20, 2021

DECEMBER 09, 2021

DECEMBER 07-09, 2021

NOVEMBER 27-29, 2021

NOVEMBER 06, 2021

OCTOBER 11-16, 2021

OCTOBER 30, 2021

OCTOBER 30, 2021

SEPTEMBER 28, 2021



"Virtual Gender Sensitivity Orientation"



"VAW Free Community Starts with Me: Ending Violence Against Persons with Disabilities (PWDs)"



Virtual Kick-Off Activity in line with the annual observance of the 18-Day Campaign to End Violence Against Women



"HIV/AIDS Awareness Webinar"



"Drag Fest"



Mental Health Awareness Campaign Online Contests



"Inclusivity, Equity, and Positivity: Promoting Mental Health Awareness in an Unequal World"



"Kaagapay: Parents and Students - Together We Save Lives"



COMMERCIALIZATION AND PRODUCTION

ROADMAP C : RESEARCH AND COMMUNITY SERVICE DEVELOPMENT

TRADEMARK AND COPYRIGHT REGISTRATION

Momsie's FAVORITE
Spring Garlic Paste

Intellectual property protection is a RACE — Be the FIRST!

GENEVIEVE MARIE N. GOMEZ
Proprietor

Trademark Registration Number: 9668

"ULAN"
OST "The Boy Foretold by the Stars"
Winner Metro Manila Film Festival (MMFF) 2020 and THE EDDYS Best Original Theme Song

JHAYE CURA

Republic of the Philippines
INTELLECTUAL PROPERTY OFFICE OF THE PHILIPPINES
Bureau of Copyright and Related Rights
Taguig City, Philippines

Certificate of Copyright Registration

Certificate No. F-2021-00616

Be it known that on June 11, 2021, JOLINA C. ARZAGA (JHAYE CURA) of Taguig City caused the registration and deposit with the National Library of the Philippines (NLP), through the Intellectual Property Office of the Philippines (IPOPHL), of the work with the following specifications:

Title: ULAN
Author(s): Jolina C. Arzaga
Class: Class F (Musical compositions with or without lyrics)
Creation Date: June 02, 2020
Period of Protection: Lifetime of the author and for fifty (50) years after the author's death

Registration and deposit is made for the purpose of completing the records of the NLP in accordance with Section 191 of Republic Act No. 8293, the Intellectual Property Code of the Philippines.

Issued on June 11, 2021 in the City of Taguig, Philippines.

INTELLECTUAL PROPERTY OFFICE OF THE PHILIPPINES
ATTY. EMERSON S. CUNO
Director IV
Bureau of Copyright and Related Rights

HUGOT LINES MERCH AND CAMPAIGN MATERIALS



UTILITY MODELS

FOOD PATENTS FILED ON 13 JULY 2021

PROCESS AND COMPOSITION OF PIGEON PEA (CAJANUS CAJAN) PASTE

PROCESS OF MAKING ICE CREAM USING PADDY STRAW MUSHROOM (VOLVARIELLA VOLVACEA)

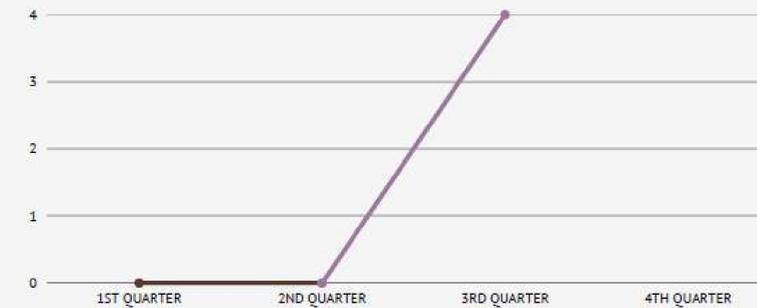
GUYABANO POSTRE DULCE "SWEET DESSERT"

PROCESS OF PRODUCING NATURALLY FERMENTED VINEGAR

67%

OF THE TARGET IP FILING HAS BEEN ACHIEVED AS OF SEPTEMBER 2021

TOTAL IP FILINGS





ROADMAP D

INSTITUTIONAL QUALITY ASSURANCE DEVELOPMENT

2021 paved the way for more institutional quality assurance measures for Tarlac State University. Keeping in mind that “quality is a way of life,” the university ventured into international quality assurance assessments such as the Times Higher Education Impact Rankings and prepared for the Quacquarelli Symonds (QS) Stars Ratings.

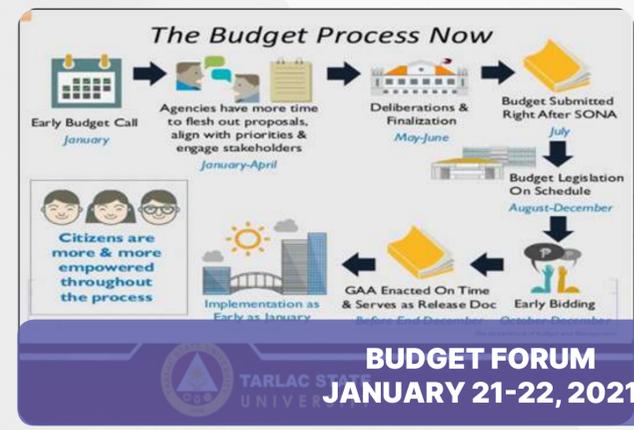
TSU also submitted itself to the Department of Trade and Industry’s Philippine Quality Award (PQA) assessment and aimed for a higher institutional accreditation level with the Accrediting Agency of Chartered Colleges and Universities in the Philippines, Inc. (AACUP).

The institution carefully planned and monitored all of these and more, coupled with the strengthening and maintenance of its ISO 9001:2015 certification.



RESEARCH AND COMMUNITY SERVICE DEVELOPMENT

ROADMAP C



RECOMMENDATIONS

5) Reassess curricular interventions to gear for readiness towards distance learning and other delivery platforms to make the curriculum attuned to the needs of the changing times. It becomes an urgent need to explore other innovation learning modalities that will facilitate migration from traditional to flexible teaching and learnings options. As students are differently situated in term of time, pace and place, the students’ needs for access to quality education are utmost priority




AGENCY PERFORMANCE REVIEW OF DBM
JUNE 2, 2021





ACADEMIC PROGRAMS QUALITY ASSURANCE

ROADMAP D : INSTITUTIONAL QUALITY ASSURANCE DEVELOPMENT

VIRTUAL COACHING AND MENTORING FOR LEVEL III PROGRAM ACCREDITATION UNDER AACUP NEW GUIDELINES:

JULY 1, 2021

- Bachelor of Arts in Communication

JULY 7, 2021

- Bachelor of Science in Hotel and Restaurant Management
- Bachelor of Science in Accounting Technology
- Bachelor of Science in Business Administration major in Marketing Management

JULY 8, 2021

- Bachelor of Science in Criminology



INTERNAL ACCREDITATION OF BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING (4TH SURVEY, PHASE 1- REVISIT AREAS V, VI, IX) AUGUST 17-18, 2021



ONLINE ACCREDITATION OF BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING (4TH SURVEY, PHASE 1- REVISIT AREAS V, VI, IX) AUGUST 31- SEPTEMBER 3, 2021

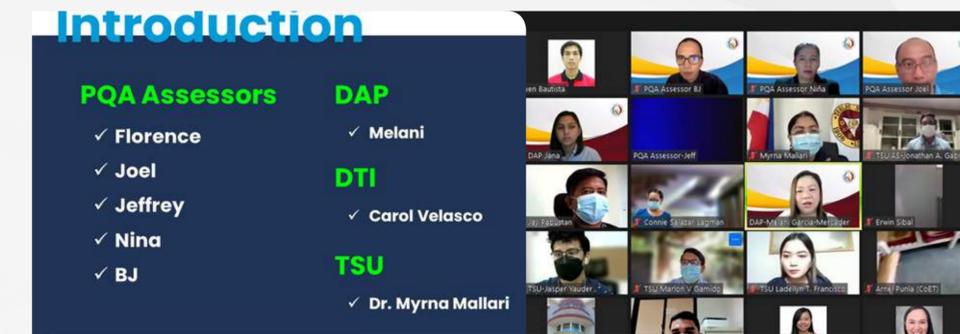
PQA AND AACUP JOURNEY



PQA ORIENTATION MEETING WITH MS. MELANI G. MERCADER, DAP JULY 6, 2021



ORGANIZATIONAL BRIEFING WITH THE PQA ASSESSORS JULY 23, 2021



ONLINE SITE VISIT- PHILIPPINE QUALITY AWARD (PQA) SEPTEMBER 14-16, 2021



INSTITUTIONAL ACCREDITATION (IA) ONLINE VISIT DECEMBER 6-9, 2021

INSTITUTIONAL QUALITY ASSURANCE

ROADMAP D : INSTITUTIONAL QUALITY ASSURANCE DEVELOPMENT

**QUALITY MANAGEMENT SYSTEM (QMS) RECERTIFICATION AUDIT (ISO 9001:2015)
SEPTEMBER 28-29, 2021**



Tarlac State University ended the month of September with the Quality Management System (QMS) online surveillance audit by the ACS W3 Solutionz.

The university was again visited virtually by the certifying body auditors, Mr. Shahid Mushtaq and Mr. Waseem Khan, through Microsoft Teams to audit its processes and systems procedures against the standards of ISO 9001:2015 or QMS.

The present certifications of the university (ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007) are valid until October 2021. For the new audit cycle, the university administration has decided to maintain and strengthen its QMS as it is the most appropriate and available standard for the academe which still includes standards on environment, health, and safety.

QUALITY MANAGEMENT SYSTEM

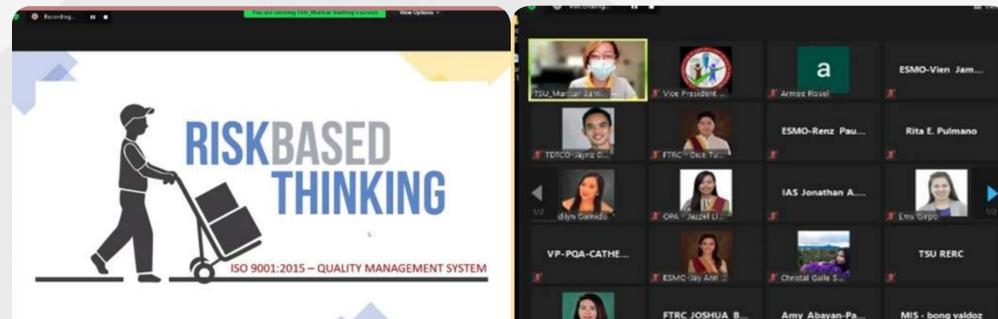
ROADMAP D : INSTITUTIONAL QUALITY ASSURANCE DEVELOPMENT



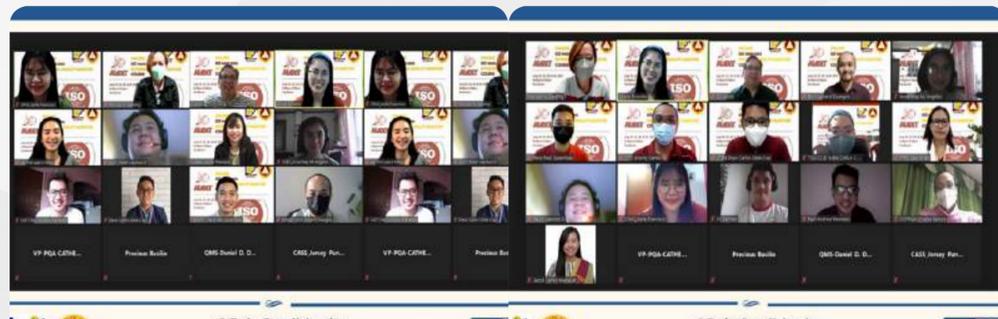
WEBINAR ON AWARENESS & ORIENTATION FOR NEWLY DESIGNATED DOCUMENT CONTROL COORDINATORS
APRIL 21-23, 2021



ONLINE COACHING AND MENTORING ON REVIEW AND UPDATING OF ISO 9001:2015 QUALITY MANAGEMENT SYSTEM DOCUMENTARY REQUIREMENTS ON CONTEXT OF THE ORGANIZATION (COTO)
JUNE 22-25, 2021



ONLINE COACHING AND MENTORING ON REVIEW AND UPDATING OF ISO 9001:2015 QUALITY MANAGEMENT SYSTEM RISK ASSESSMENT
JUNE 29-JULY 2, 2021



ONLINE ISO 9001:2015 INTERNAL QUALITY AUDITOR COURSE
JULY 22-23, 29-30, 2021



POLLUTION CONTROL AND SAFETY MANAGEMENT SYSTEM

ROADMAP D : INSTITUTIONAL QUALITY ASSURANCE DEVELOPMENT

DILG TARLAC AWARDS SAFETY SEAL TO TSU

Tarlac State University was awarded with a Safety Seal by the Department of Interior and Local Government (DILG) on September 7, 2021 in front of the Administration Building, TSU Main Campus.

TSU president Dr. Myrna Q. Mallari received the Safety Seal after the DILG, BFP (Bureau of Fire Protection), and Tarlac City Police Station conducted a validation on the same day.

The Safety Seal of TSU (LG-0037) is valid until March 7, 2022.



SAFETY SEAL

We follow safety & health protocols against Covid-19

TARLAC STATE UNIVERSITY
Safety Seal Number: LG-0037
Issued on: September 07, 2021
Valid until: March 07, 2022

P. TCOL. MODESTO F. CARRERA
Chief of Police, Tarlac City CPS

FCINSP JACKY L. NGINA
Fire Marshal, Tarlac City BFP

ENGR. ROBERT C. DIOLA
CLGOO, DILG Tarlac City

SECOND QUARTER VIRTUAL NATIONAL SIMULTANEOUS EARTHQUAKE DRILL JUNE 10, 2021



WORLD WIDE FUND FOR NATURE (WWF) PHILIPPINES' CAMPAIGN ON EARTH HOUR 2021: GLOBAL "LIGHTS OUT" AND "SWITCH OFF" MARCH 26, 2021



DISTRIBUTION OF PERSONAL PROTECTIVE EQUIPMENT TO ALL OFFICES OF THE UNIVERSITY JULY 2021



FIRE SAFETY INSPECTION CERTIFICATE SEPTEMBER 24, 2021

Republic of the Philippines
Department of the Interior and Local Government
BUREAU OF FIRE PROTECTION
REGIONAL OFFICE - III
TARLAC CITY FIRE STATION-TARLAC
P. Burgos St., Poblacion, Tarlac City
Tel. No. (045) 882-1158/Hotline: (045) 982-1356

FSIC NO. R03-814-5029-S2021

24 September, 2021
Date

FIRE SAFETY INSPECTION CERTIFICATE

FOR CERTIFICATE OF OCCUPANCY
 FOR BUSINESS PERMIT (NEW/RENEWAL)
 OTHERS

TO WHOM IT MAY CONCERN:

By virtue of the provisions of RA 9514 otherwise known as the Fire Code of the Philippines of 2008, the application for **FIRE SAFETY INSPECTION CERTIFICATE** of **TARLAC STATE UNIVERSITY**

owned and managed by TARLAC STATE UNIVERSITY with postal address at ROMULO BLVD., GRAY SAN VICENTE, TARLAC CITY

(Name of Establishment)
(Name of Owner/Representative)
(Address)

is hereby **GRANTED** after said building structure or facility has been duly inspected with the finding that it



TSU BECOMES 2ND MEGA VACCINATION HUB FOR TARLAC CITY

This second vaccination site is the city government's solution to accommodate the increasing number of citizens who wants to be vaccinated moving the city closer to herd immunity, said City Health Officer Dra. Carmela Go in an interview with the Tarlac City Information Office (CIO).

CHED, PGT, LGU TARLAC CITY, TSU LAUNCH VACCINATION PROGRAM FOR TERTIARY STUDENTS

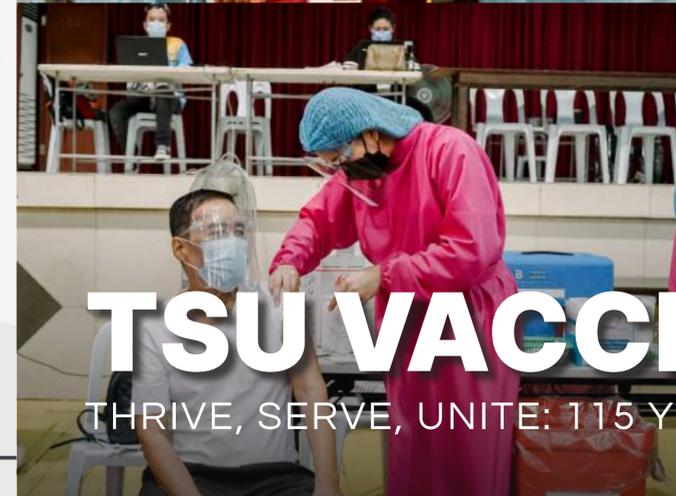
Around 2,500 college students in Tarlac province received their first dose of Moderna vaccine this Saturday morning (October 23, 2021) at Tarlac State University Gymnasium.

This is the first province-wide vaccination program among state universities and colleges (SUCs) in Central Luzon which is intended primarily for Tarlac State University, Tarlac Agricultural University, and other college students residing in Tarlac.



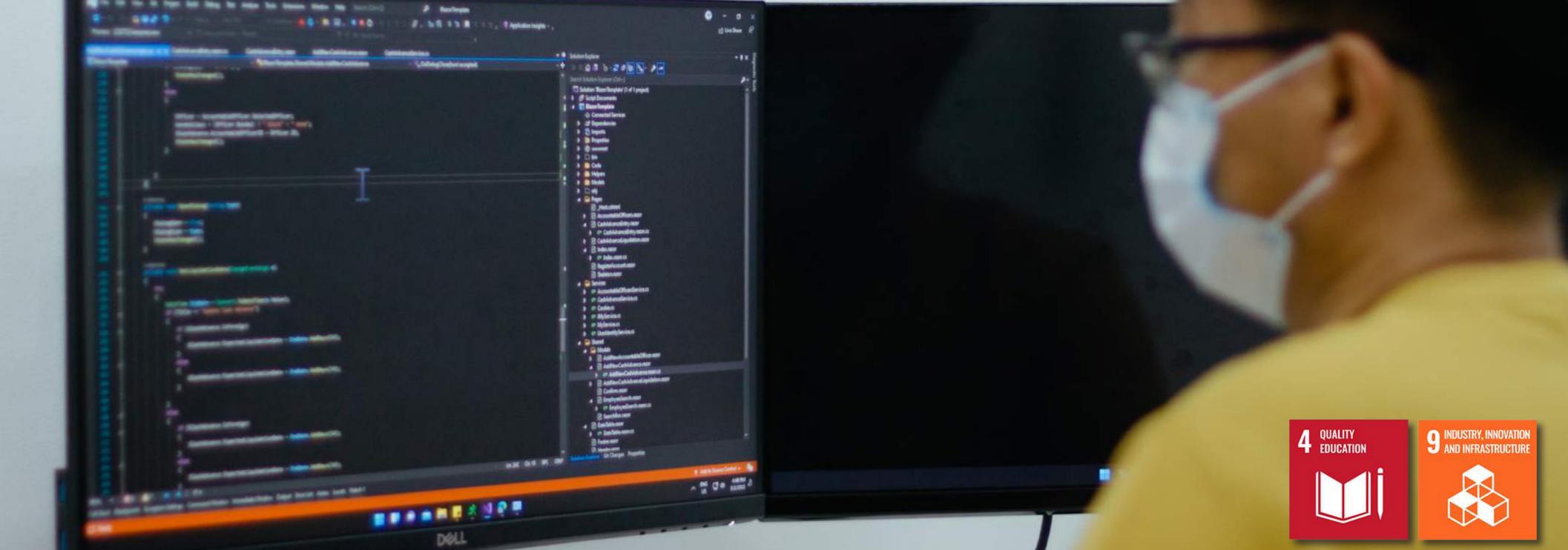
TSU PARTICIPATES IN THE REGIONAL SIMULTANEOUS VACCINATION OF CHEDRO 3

Around 730 college students received jabs of Moderna vaccine at the Tarlac State University gymnasium on Friday morning (November 19, 2021) during the Regional Simultaneous Vaccination Program for Tertiary Students (RSVP-TS) in Central Luzon.



TSU VACCINATION INITIATIVES

THRIVE, SERVE, UNITE: 115 YEARS OF EXCELLENCE IN INCLUSIVE AND QUALITY EDUCATION



ROADMAP E



INFORMATION AND COMMUNICATION TECHNOLOGY DEVELOPMENT

As higher education institutions become settled in the realm of Education 4.0, Tarlac State University continuously gears itself with technological advancements to fortify its online and onsite services.

For increased efficiency, network connectivity in TSU campuses was strengthened, more web-based systems were developed, and additional advanced ICT equipment and facilities were lined up for procurement.



NETWORK AND HARDWARE UNIT

ROADMAP E : INFORMATION AND COMMUNICATION TECHNOLOGY DEVELOPMENT

TARLAC STATE UNIVERSITY
MANAGEMENT INFORMATION SYSTEMS OFFICE

VPN Access Form

Consent statement:
Tarlac State University will collect your personal information only for the purpose indicated in the form. All information will be kept confidential and secured in compliance with the Data Privacy Law.

Declaration:
I agree to abide by the above policy for VPN access for the period _____ to _____.

Requested by: Name and Signature of Requestor _____ Name and Signature of Immediate Supervisor _____ Date Requested _____	Recommending Approval: Director / Dean _____ Approved: _____ VPAA / VPAE / VPRES / VPPQA / OUP _____
--	---

For MISD use:
Device MAC Address: _____
Data Received by: _____
Processed by: _____
Control Number: _____

ESTABLISHED WIFI INFRASTRUCTURE FOR LUCINDA CAMPUS

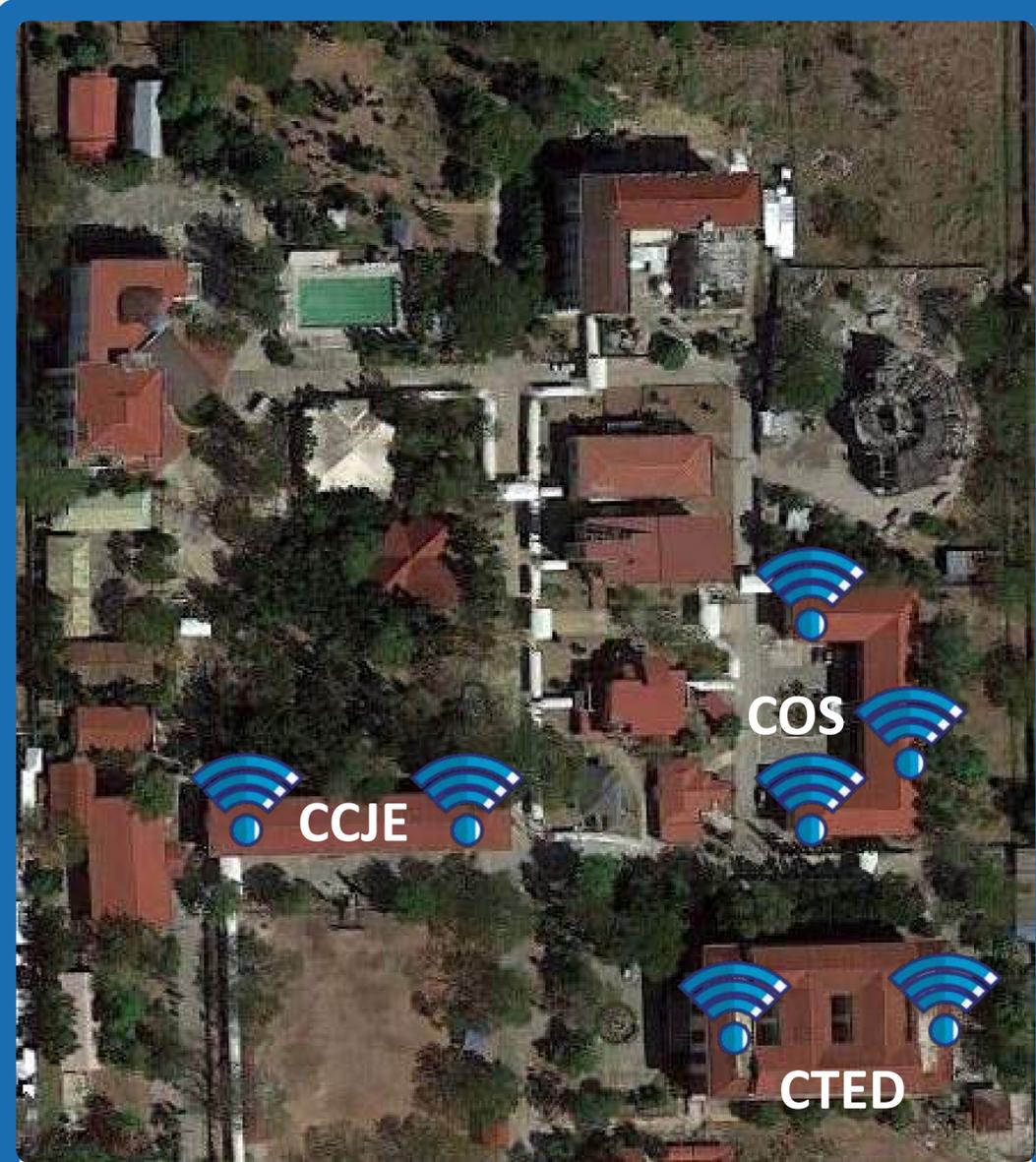
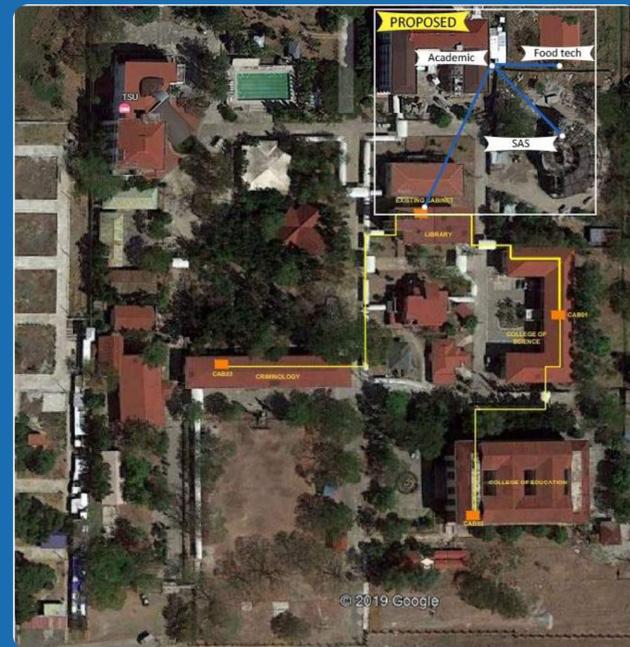
ACQUIRED HYPER-CONVERGED INFRASTRUCTURE

ACQUIRED NEXT GENERATION FIREWALL (TO BE DELIVERED)

LUCINDA WIFI PROJECT (PHASE 1)

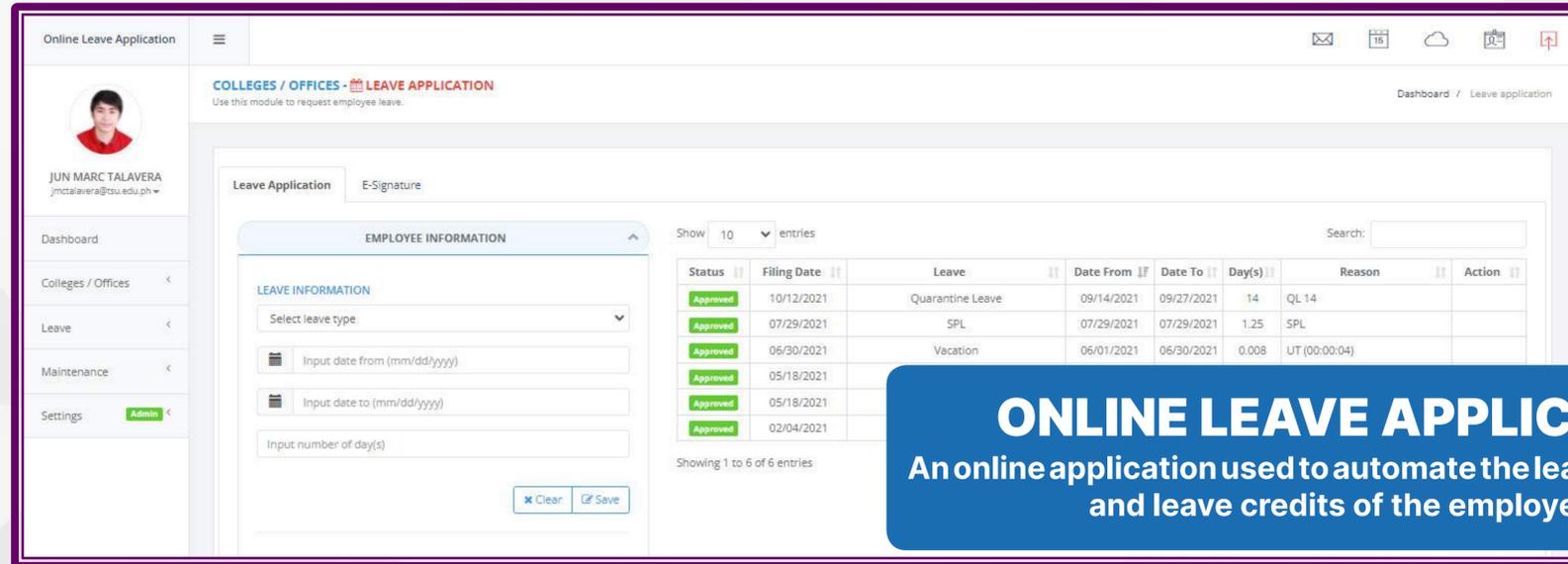
AREAS COVERED:

- College of Teacher Education / RICE Building
- College of Criminal Justice Education
- College of Science

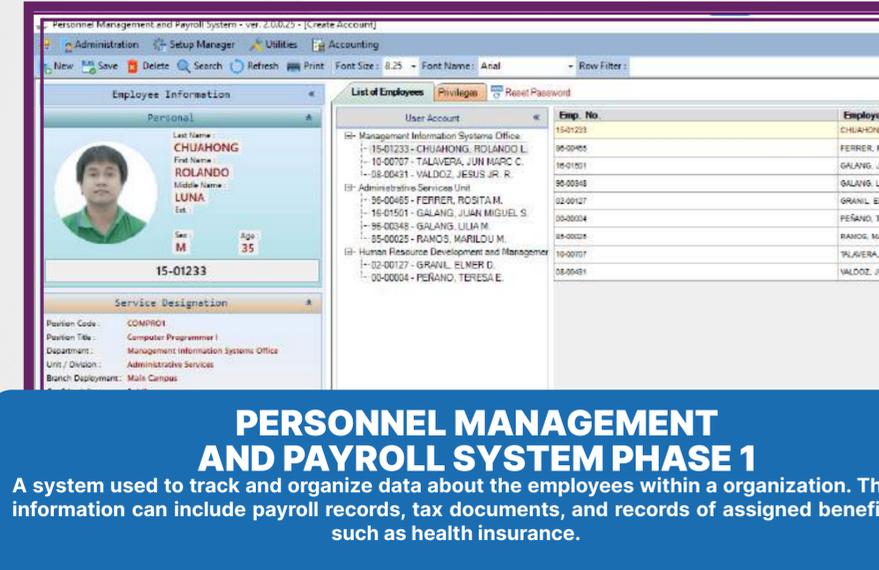


SOFTWARE DEVELOPMENT UNIT

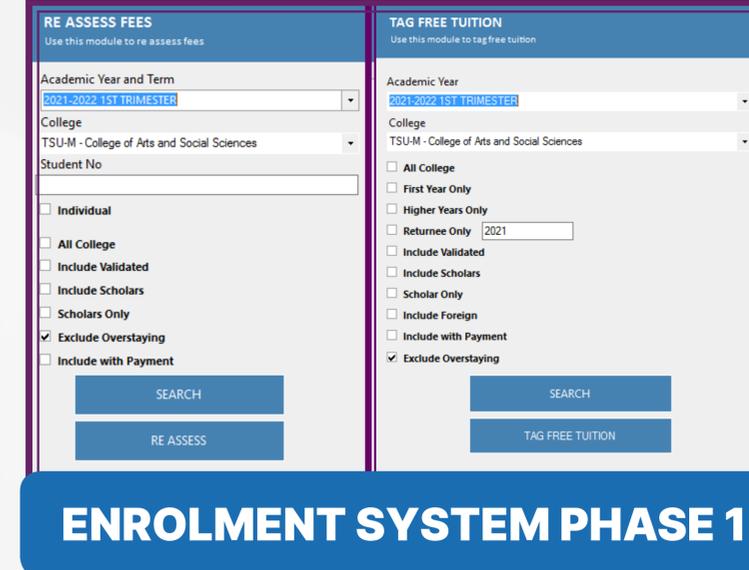
ROADMAP E : INFORMATION AND COMMUNICATION TECHNOLOGY DEVELOPMENT



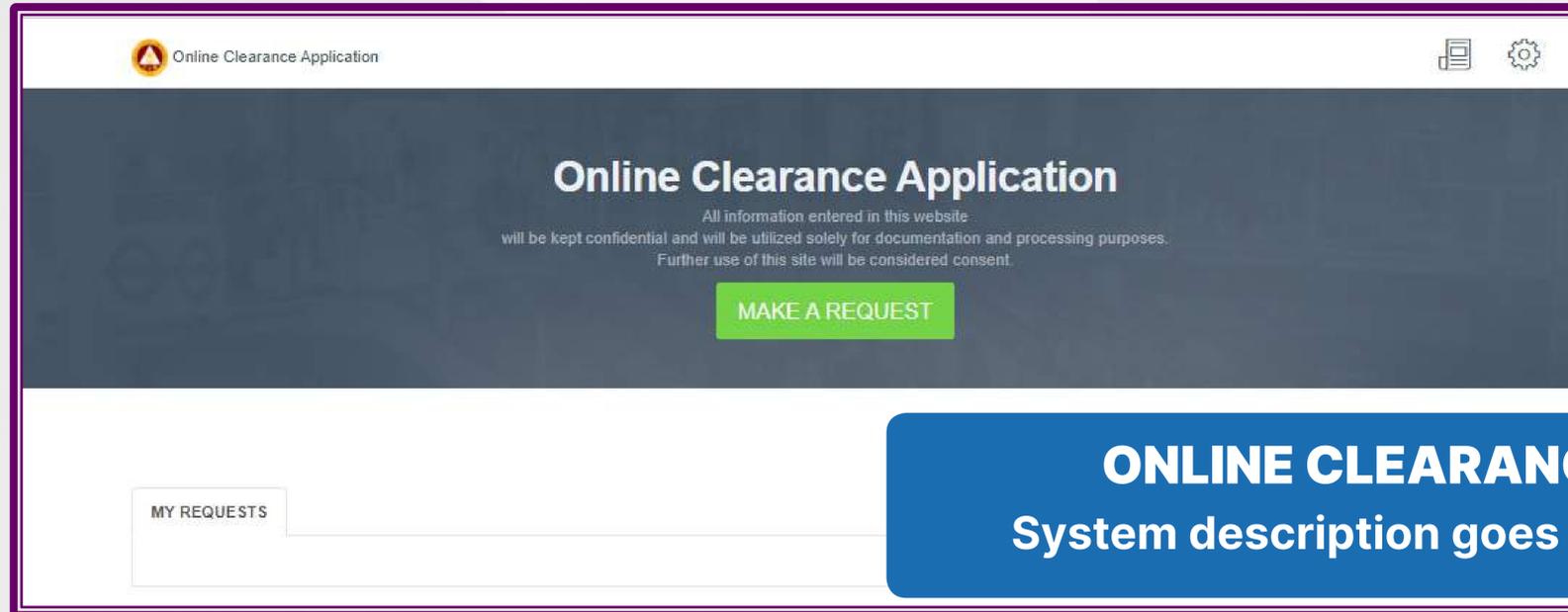
ONLINE LEAVE APPLICATION
An online application used to automate the leave application and leave credits of the employee.



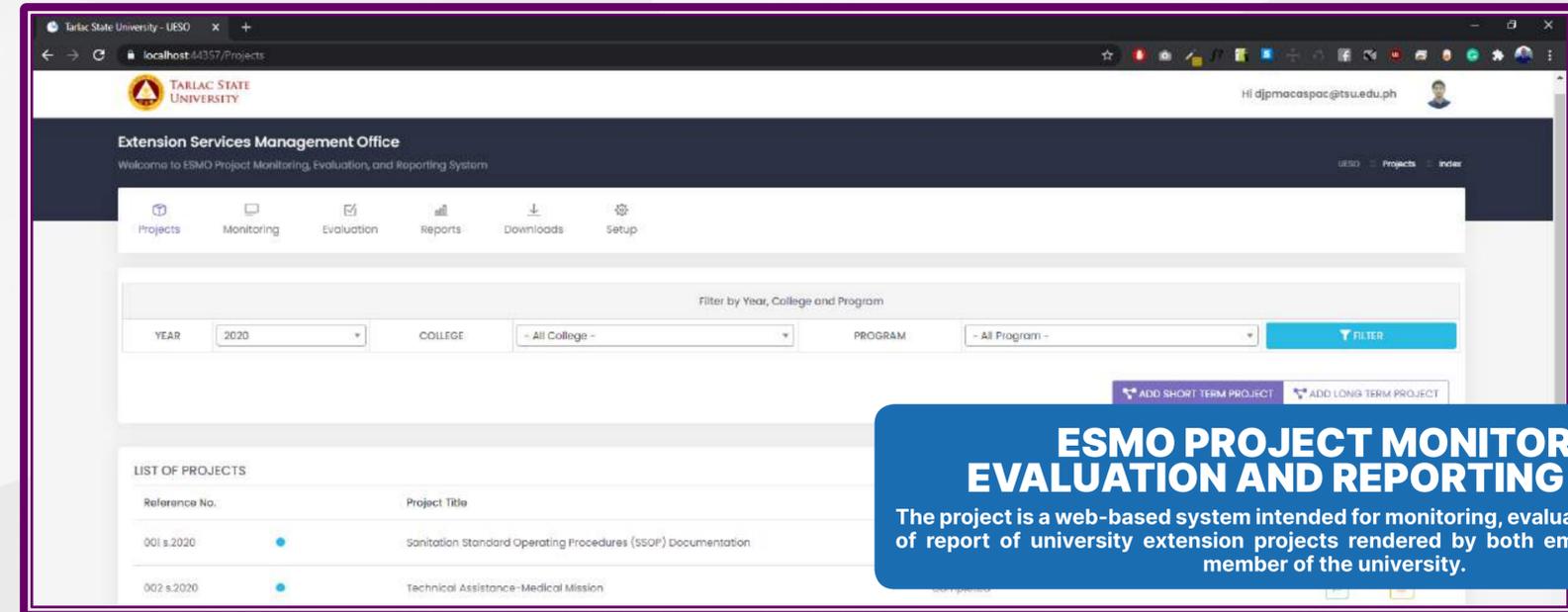
PERSONNEL MANAGEMENT AND PAYROLL SYSTEM PHASE 1
A system used to track and organize data about the employees within a organization. This information can include payroll records, tax documents, and records of assigned benefits such as health insurance.



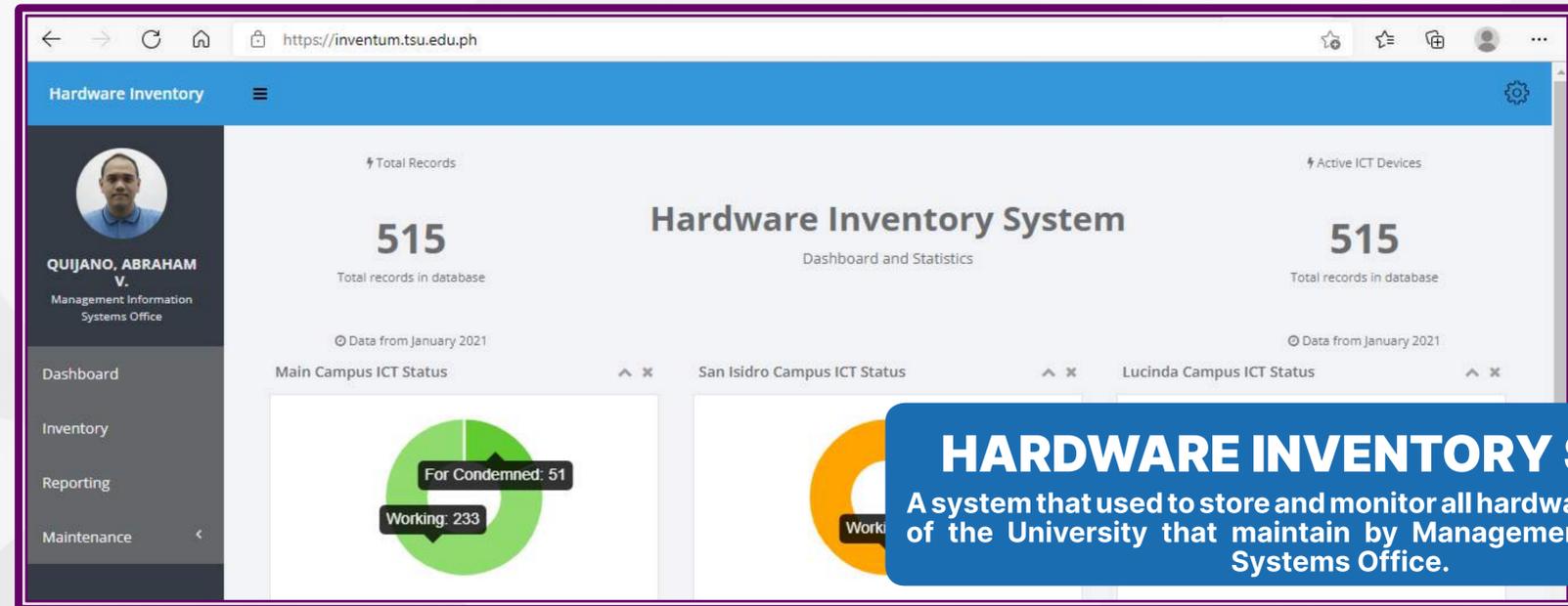
ENROLMENT SYSTEM PHASE 1



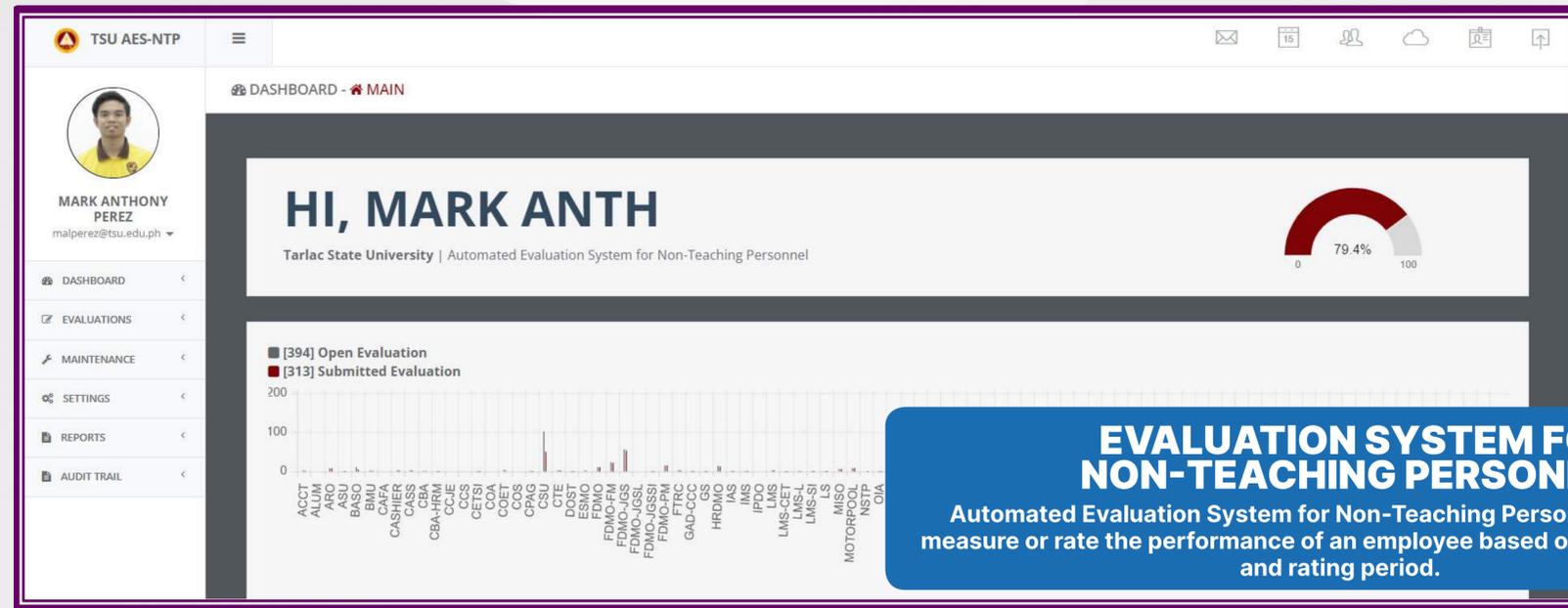
ONLINE CLEARANCE
System description goes here.



ESMO PROJECT MONITORING, EVALUATION AND REPORTING SYSTEM
The project is a web-based system intended for monitoring, evaluation and generation of report of university extension projects rendered by both employee and faculty member of the university.

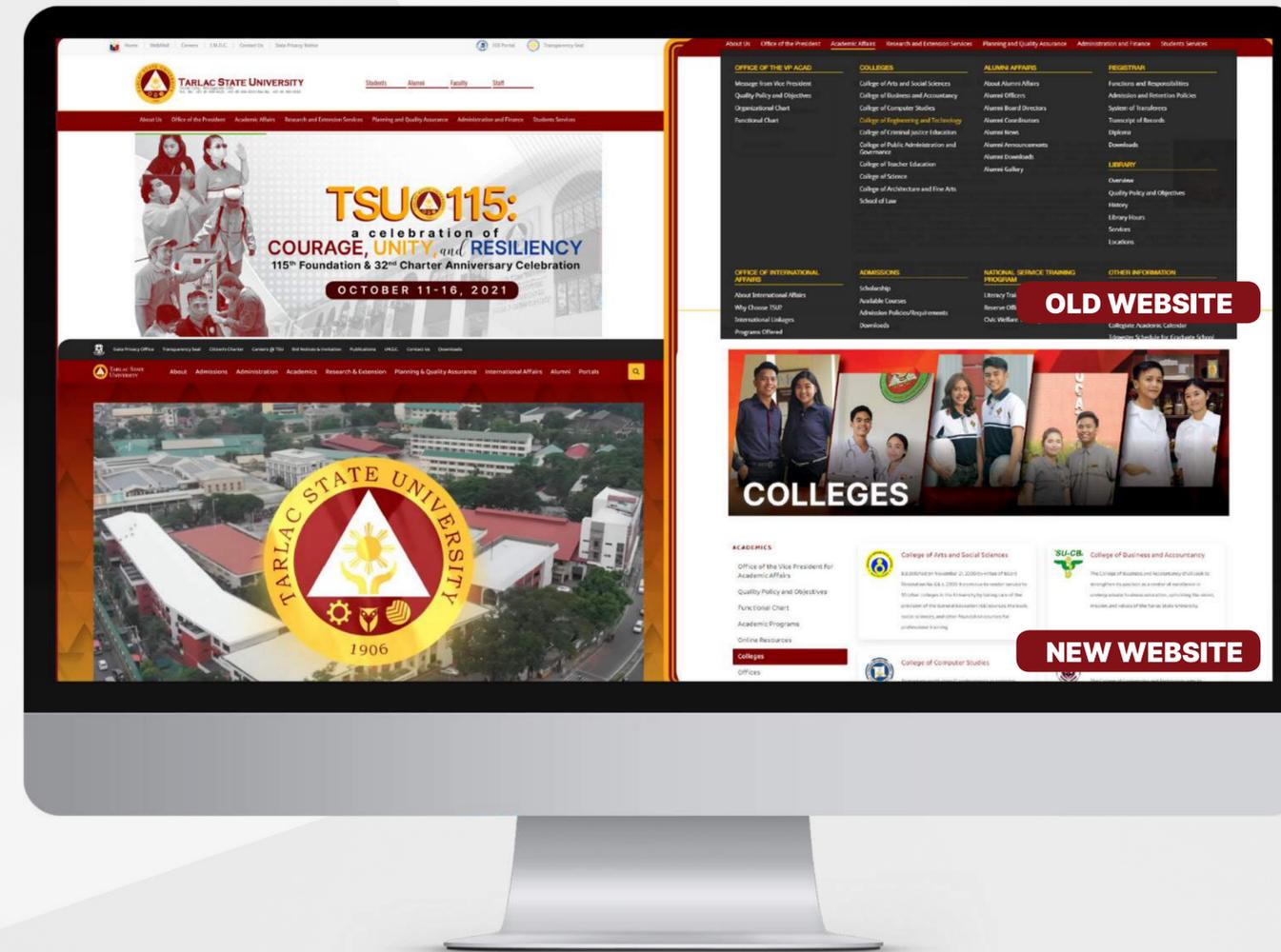


HARDWARE INVENTORY SYSTEM
A system that used to store and monitor all hardware equipments of the University that maintain by Management Indormation Systems Office.



EVALUATION SYSTEM FOR NON-TEACHING PERSONNEL
Automated Evaluation System for Non-Teaching Personnel is used to measure or rate the performance of an employee based on the given scale and rating period.

TSU RELAUNCHES WEBSITE WITH A FRESH, NEW LOOK



Tarlac State University launched a fresh, new look for its website last October 15, 2021, during its 115th founding and 32nd charter anniversary, giving the TSU community an updated and modern space for information, resources, news, announcements, and more.

The university website, www.tsu.edu.ph, now loads faster and presents a contemporary and accessible design which is more engaging and user-friendly. It now contains more up-to-date content about the different colleges, departments, offices, and units of the university as well as their respective contact details.

New additions have also been made. The website now includes the latest virtual campus tour and publications which can be accessed through the About and Publications tabs on the navigation menu. Alongside these features, a new search functionality has been added for the convenience of the users to find the necessary information that they need.

Its creation was also given priority despite the other projects lined up to be developed this year as it was concluded by the committee that a more engaging and content-rich website is needed to be at par with other websites internationally.



TARLAC STATE UNIVERSITY **BOARD OF REGENTS**

HON. RONALD L. ADAMAT
Commissioner
Commission on Higher Education

HON. MYRNA Q. MALLARI
President
Tarlac State University

HON. JOEL L. VILLANUEVA
Chairperson
Senate Committee on Higher, Technical
and Vocational Education
Represented by: **HON. MELISSA R. YEUNG-YAP**

HON. MARK O. GO
Chairperson
Committee on Higher and Technical Education
House of Representatives
Represented by: **HON. DENNIS NORMAN T. GO**

HON. JULIUS CAESAR V. SICAT
Director
DOST Region III

HON. LEON M. DACANAY JR.
Director
National Economic and Development Authority
Region III

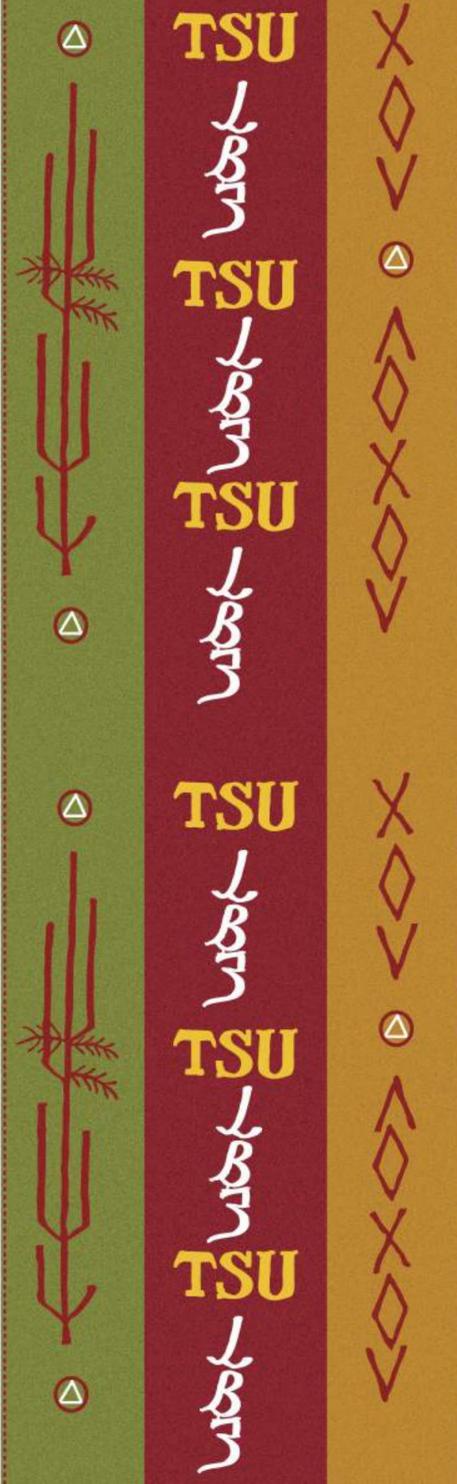
HON. REYNALDO L. CATA CUTAN
TSU Alumni Representative

HON. ENRIQUE D. COJUANGCO JR.
Private Sector Representative

HON. JESUS CANO CHUA
Private Sector Representative

HON. MURPHY P. MOHAMMED
President
TSU Faculty and Personnel Union

HON. ADRIAN M. TABAG
President
TSU Supreme Student Council



TARLAC STATE UNIVERSITY **KEY OFFICIALS** for 2021



DR. MYRNA Q. MALLARI
University President



DR. NIÑO B. CORPUZ
Vice President
Planning and Quality Assurance



DR. MARLON V. GAMIDO
Vice President
Administration and Finance



DR. ERWIN P. LACANLALE
Vice President
Academic Affairs



DR. ARMEE N. ROSEL
Vice President
Research and Extension Services

TARLAC STATE UNIVERSITY ADMINISTRATIVE COUNCIL

Dr. Myrna Q. Mallari
President

Dr. Erwin P. Lacanlale
VP for Academic Affairs

Dr. Marlon V. Gamido
VP for Administration and Finance

Dr. Armee N. Rosel
VP for Research and Extension Services

Dr. Niño B. Corpuz
VP for Planning and Quality Assurance

Dr. Brigido B. Corpuz
Executive Assistant

Dr. Theodore M. Timpac
Dean, College of Criminal Justice Education

Ms. Cynthia M. Bognot
Director, Library Management Services

Prof. Edjie M. Delos Reyes
Director, University Research

Ms. Aurelia S. Valencia
University Board Secretary

Dr. Alvincent E. Danganan
OIC Dean, College of Computer Studies

Prof. Louis Adonis M. Silvestre
Director, National Service Training Program

Dr. Lea B. Milan
OIC Director, University Extension Services
Director, Food Technology and Research Center

Atty. Christian Rhee Delfin B. Orenca
Legal Counsel

Dr. Miriam S. Galvez
Dean, College of Engineering and Technology

Dr. Winston F. Abalos
Director, Alumni Affairs

Dr. Wilmark J. Ramos
OIC Director, Technology Development,
Transfer and Commercialization

Dr. Jonathan A. Gabriel
Director, Internal Audit Services

Prof. Mary Jane N. Rigor
Dean, College of Science

Dr. Jasper Jay N. Mendoza
Director, Office of International Affairs

Dr. Jay R. Pabustan
Director, Planning, Performance,
Monitoring and Evaluation

Dr. Heidilyn V. Gamido
Director, Management Information Systems

Dr. Edwin T. Caoleng
Dean, College of Public Administration and Governance

Ms. Winniefe F. Gutierrez
Director, Administrative Services

Dr. Ma. Socorro D. Valdez
Director, Quality Assurance

Ms. Jazzel Llanelli M. Manabat
Director, Public Affairs

Dr. Jasper Jay N. Mendoza
Dean, College of Teacher Education

Engr. Pedro G. Suerte-Felipe Jr.
Director, Business Affairs and Auxiliary Services

Ar. Garry M. Advento
Dean, College of Architecture and Fine Arts

Atty. Jose I. Dela Rama Jr.
Dean, School of Law

Ar. Ferdinand S. Valencia
Director, Facilities Development and Management

Dr. Brendalyn A. Manzano
Dean, College of Arts and Social Sciences

Prof. Gherold C. Benitez
OIC - Director, Student Affairs and Services

Mr. Marlon C. Dela Cruz
Director, Human Resources
Development and Management

Prof. Fabian P. Seguiria
OIC Dean, College of Business and Accountancy

Engr. Consolacion S. Lagman
Director, Registration and Admissions

Dr. Erwin P. Lacanlale
Director, Office of International Affairs
(until March 16, 2021)

Dr. Jhonel C. Panlilio
Dean, College of Business and Accountancy
(until July 31, 2021)

Prof. Emir Lenard SF. Sicangco
Director, University Extension Services
(until October 17, 2021)

Prof. Redemptor G. Toledano
Director, University Extension Services
(until March 31, 2021)

Dr. Marlon V. Gamido
Dean, College of Computer Science
(until March 31, 2021)

Dr. Jasper Jay N. Mendoza
Dean, Student Affairs and Services
(until October 17, 2021)

Director, Technology Development,
Transfer and Commercialization
(until October 17, 2021)

Prof. Leah T. Matias
Director, Food Technology and Research Center
(until February 15, 2021)

Dr. Aloysius T. Madriaga
Dean, College of Arts and Social Sciences
(until June 30, 2021)

Prof. Fabian P. Seguiria
Director, Student Affairs and Services
(until July 31, 2021)

Director, Technology Development,
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