



# TARLAC STATE



**IMS CERTIFIED**  
**OHSAS 18001:2007**  
**ISO 14001:2015**  
**ISO 9001:2015**

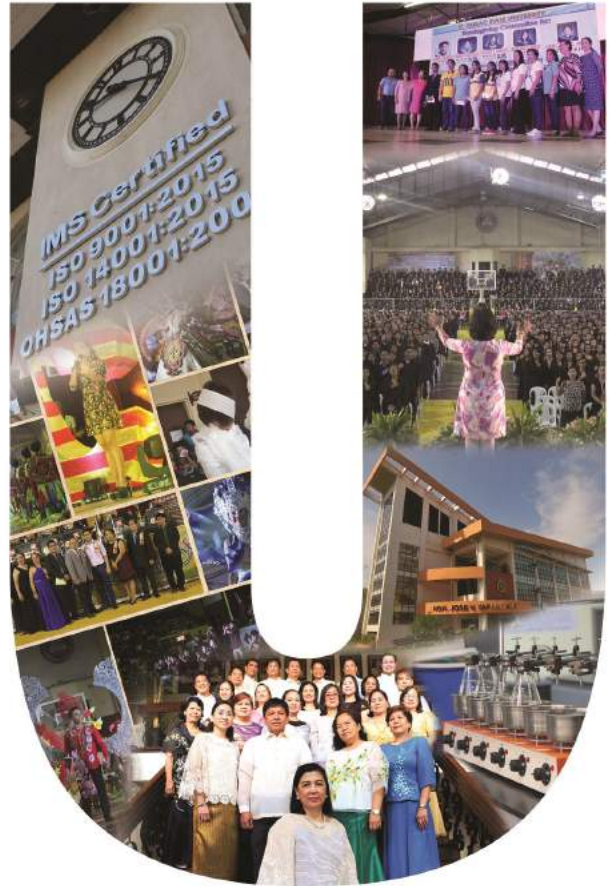


ANNUAL REPORT

# 2016



# TARLAC STATE



ANNUAL REPORT

2016







Republic of the Philippines  
**TARLAC STATE UNIVERSITY**  
Romulo Blvd., San Vicente, Tarlac City  
2300 Philippines  
Telephone No. (045) 982-5574 Fax No. (045) 982-0110  
Official website: [www.tsu.edu.ph](http://www.tsu.edu.ph)

July 15, 2017

**HIS EXCELLENCY RODRIGO ROA DUTERTE**  
President of the Philippines  
Malacañan, Manila

Through: **Honorable Patricia Licuanan**  
Chairperson  
Commission on Higher Education

Dear Mr. President:

In accordance with the pertinent provision of Republic Act 8292, otherwise known as the "Higher Education Modernization Act of 1997," I am pleased to submit herewith the Annual Report of the Tarlac State University for Academic Year 2015 - 2016.

Our accomplishments covered the various programs and projects we set out to pursue this year in accordance with the agenda to which we have committed ourselves in keeping with national development goals.

Very truly yours,



**MYRNA Q. MALLARI DBA**  
President



# VISION, MISSION, GOALS AND CORE VALUES

## Vision

Tarlac State University is envisioned to be a premier university in the Asia-Pacific region.

## Mission

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

### Developmental Goals

- To uphold academic excellence and establish its position as a premier university in the Region;
- To reinforce the stature of the University as a Research Institution responding to the development of Science and Technology;
- To enhance and strengthen partnership with LGUs, private organizations and individuals in community development and people empowerment; and
- To enhance income generating projects.

## 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







TARLAC STATE UNIVERSITY  
ANNUAL REPORT 2016

# TABLE *of* CONTENTS



<b>University Profile</b>	<b>i</b>
<b>Message from the President</b>	<b>iii</b>
<b>Governance and Management</b>	<b>1</b>
Institutional Accomplishment .....	4
Finance Status .....	4
Infrastructure Projects Completed .....	5
Personnel Profile .....	9
Trainings/Seminars .....	11
Institutional Linkages and External Affairs .....	14
International Mobility or Exchange Programs .....	16
Transnational Education Program .....	17
Institutional Linkages .....	18
Alumni Affairs .....	19
<b>Teaching and Learning</b>	<b>21</b>
Instruction .....	24
Accreditation .....	27
PRC Performance .....	28
Enrollment Trend .....	30
Graduation Trend .....	31
Faculty Development .....	32
Faculty Profile .....	33
Student Development .....	35
Library Management Services .....	41
Counseling, Testing and Career Center .....	42
Student Development .....	43
Student Scholarship .....	45
Medical Services .....	47
Dental Unit .....	50
<b>Research outputs, Professional Exposure and Creative Work</b>	<b>51</b>
Completed Researches .....	54
Published Researches .....	56
Research Presentation .....	58
Externally-Funded Researches .....	60
Research Capacity Building .....	61
In-House Reviews of Completed Researches .....	62
Capability Building .....	63
Technology Development, Transfer, and Commercialization .....	66
Gender and Development .....	70
<b>Services to the Community</b>	<b>73</b>
University Extension Services Office .....	75
Community Development (ComDev) Program .....	75
Industry Development Extension (InDEx) Program .....	76
Extension Support Services Program (ESSP) .....	77
Professional Development Services (PDS) Program .....	77
Institutional Private/Public Sector Partnership Program .....	78
Special Programs/Projects .....	78
Other Accomplishments .....	79
<b>The Year in Pictures</b>	<b>87</b>



## *Geared to become a Premier University in the Asia-Pacific region...*

**T**arlac State University (TSU) is the primary center of learning in the province of Tarlac. It has been at the forefront of providing quality education since 1906. TSU started as a vocational department of the Tarlac Provincial High School. Because of its potential to be a separate educational institution, the Tarlac Trade School emerged as a full secondary school. Later on it was converted and renamed to the Tarlac School of Arts and Trade which soon began offering collegiate technical courses. It became a full-fledged college in 1965 and was thereafter named, Tarlac College of Technology or TCT.

On October 1989, Her Excellence Corazon C. Aquino signed Republic Act 6764, converting Tarlac College of Technology into the Tarlac State University.

Because of the university's need to expand from its main campus along Romulo Boulevard, it acquired ten hectares of land at Binaogonan where the Lucinda campus now stands, and an eight hectare lot in San Isidro where the College of Fine Arts and Architecture buildings are found. TSU has now three campuses which houses several colleges, various offices and school facilities.

TSU has ten colleges, 37 undergraduate degree programs and 20 graduate programs. Despite the downslide of first-year enrollees due to the implementation of the K-12 Program, TSU still have accommodated 37,605 enrollees for this year.

In terms of accreditation, the university's Baccalaureate Programs have also received various

levels of status with the direction of the Accrediting Agency of Chartered Colleges and Universities in the Philippines (AACUP).

TSU has been continuously active in its extension works, maintaining its programs such as the Community Development (ComDev) Program, Industry Development Extension (InDEx) Program, and Extension Support Services Program (ESSP).

This year, the College of Education was awarded as the Center for Development. Soon TSU will be home to several Centers of Excellence in various programs, like Engineering, Business and Accountancy, Architecture and Fine Arts, the Sciences and Education. These programs have continuously produced Board Topnotchers and high passing averages in various government Board Examinations. Even the College of Law has continuously produced new lawyers.

Among the various recognition, awards and achievements of TSU are the following International Recognitions: One of the Philippine Educational Institutions recognized by the People's Republic of China, Member - Association of Universities of Asia and the Pacific (AUAP), Member - Asia University Federation (AUF), Accredited by the Bureau of Immigration of the Philippines to accept foreign students.

National Recognitions include memberships in: Philippine Association of State Universities and Colleges, Accrediting Agency of Chartered Colleges and Universities in the Philippines, Central Luzon Association of Higher Educational Institutions, Central Luzon Association of Regional Officers, Central Luzon





*Industry and Energy Research & Development Consortium Foundation, Inc., Philippine Association of University Women and Luzon Science Consortium.*

*One of this year's greatest achievements is awarding of the Integrated Management System (IMS) Certification to TSU. TSU is the first state university in the Philippines to be awarded of such certification. This IMS Certification covers three areas namely: ISO 9001:2015 Quality Management System, ISO 14001:2015 Environment Management System, and OHSAS 18001:2007 Occupational Health and Safety Management System under the United States Accreditation System (USAS).*

*TSU has also produced toppers in the September 2016 Licensure Examination for Teachers and the October 2016 Licensure Examination for Criminologists.*

*This year has been a victorious year for TSU. But the work is not over as TSU will continue to strive to be a grand university in the Philippines and become a Premier University in the Asia Pacific region.*

# UNIVERSITY PROFILE



Message from the

# President

The Calendar Year 2016 brought a lot of milestones to the Tarlac State University, notably the International Certifications of ISO 9001 : 2015 ( Quality Management System ), ISO 14001 : 2015 ( Environmental Management System ) and OHSAS 18001 : 2007 ( Occupational Health Management System ); and the sterling performance of graduates in the Professional Regulation Commission's Board Examinations capped by the two (2) Topnotchers and two (2) Top 10s in the Licensure Examination for Teachers (LET). The initial performance of the First Batch of Criminology Graduates in the Board Examinations also resulted with a top 6 Examinee and landed the University as the Third Best Performing School in the Criminologist Board Examination.

These and other highlights of the exemplary accomplishments of the University for the year 2016 are presented in this Annual Report. The Annual Report 2016 is the repository of the historical development and landmark strides in the implementation of the mission of the University towards the eventual vision of being a premier University in the Asia Pacific Region. This report is in compliance to the congressional reportorial requirements and the provision of relevant information and feedback to all the University's stakeholders.

I gratefully thank the TSU Family and our generous patrons for working and supporting the University in the achievement of its targets and successes





for 2016. Without their presence and kindness, all these good things would not have been possible and accomplished. I also extol the University Planning Office, the Office of Public Affairs and Information, and all the contributors to this Annual Report 2016 for this yearly feat. We thank the Lord Almighty for the blessings and lessons of 2016. Cheers and greater hopes for 2017.

God bless the Tarlac State University and its wonderful people.

A handwritten signature in black ink, appearing to read 'Mallari'.

DR. MYRNA Q. MALLARI  
*President*







# Governance and Management





TARLAC STATE UNIVERSITY  
*Administration Officials*





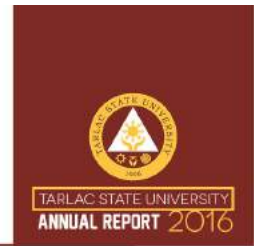
## TSU Key Officials

"If your actions inspire others to dream more, learn more, do more and become more, you are a leader."  
-John Quincy Adams





# Governance and Management



## Institutional Accomplishment

Year 2016 is a blessed and productive year for Tarlac State University, as we received tripartite awards namely ISO 9001: 2015 Quality Management System; ISO 14001: 2015 Environmental Management System and OHSAS 18001: 2007 Occupational Health and Safety Assessment. The awards brought TSU fame and honor being the first and only University from both public and private entities to receive such recognition. The university is featured in some television programs nationwide for this feat. Thus, TSU;

- Provides appropriate and relevant educational experience to TSU faculty members as well as to non-teaching personnel and staff.
- Enhances the competencies and skills of the educators to become frontrunners in teaching, research, extension, production, and community engagement in their respective fields of discipline.

A stronger international profile was built and courses for offering abroad were opened. Physical facilities and infrastructure development were intensified as the University continued its quest for supremacy in providing quality learning to its constituents.

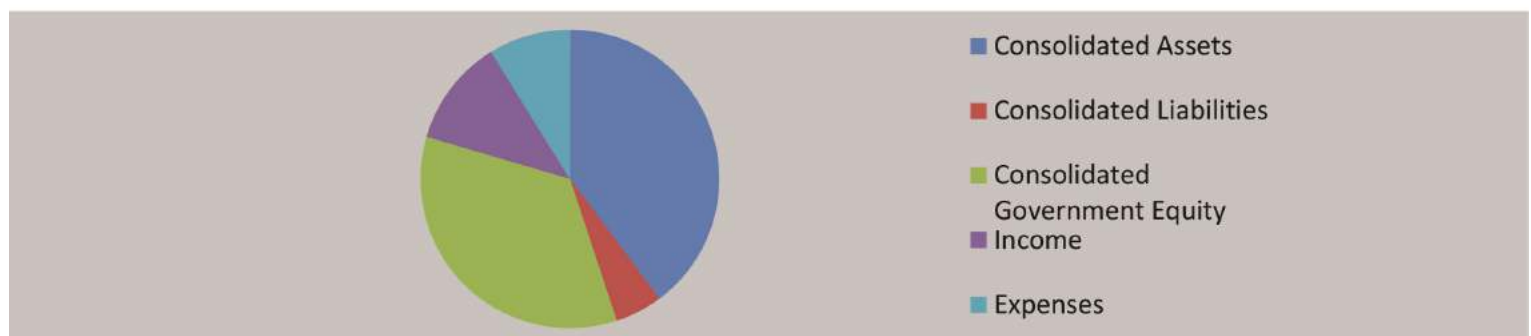
## II. Financial Status

For the calendar year 2016, the total consolidated Assets, Liabilities and Government Equity of the University amounted to P982.664 million, P127.183 million and P855, 481 million, respectively. Total income during the year reached P286.638 million while expenses amounted to P218.690 million, P77.948 million was earmarked for infrastructure projects.

As of December 31, 2016 the balances in the different accounts of the University were as follows: (Dollar Acct.) 259,307.65; (Special Budget) P 254,852,277.28; (Production) P 33,259,422.76; (Trust Fund) P 92,531,792.85; (Special Budget-LBP) P 52,711,765.85.

### Total Annual Procurement Plan

Goods/Materials	P 81,639,878.45	89%
Infrastructure Projects	P 66,284,804.42	57%



*Consolidated Assets, Liabilities, Government Equity and Income and Expenses of the University*



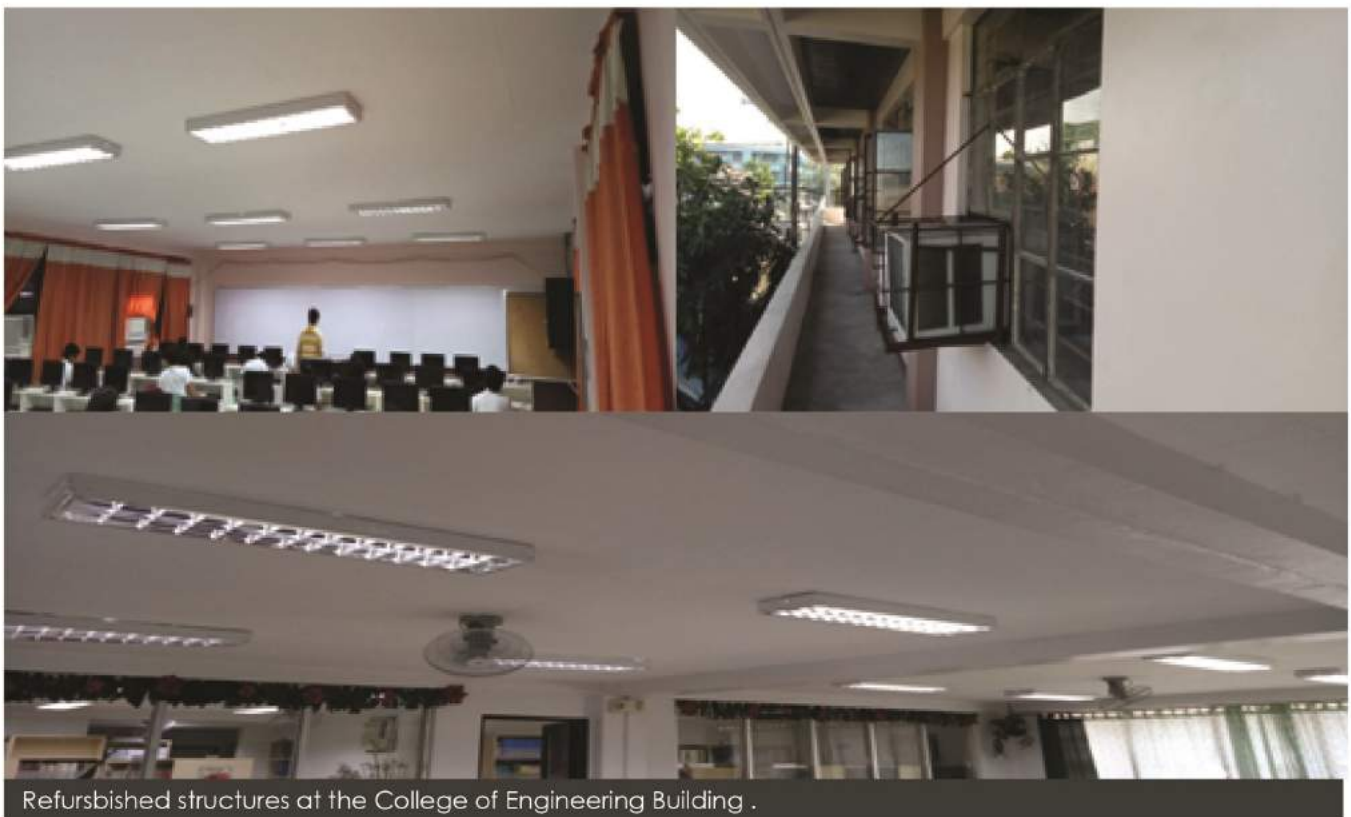
# Governance and Management

## III. Infrastructure Projects Completed

Infrastructure Project	ABC	Contract Price	Completion Date
Main Gate and 250-m Fence at Lucinda Campus	P 5,892,033.32	P 4,175,517.47	July 31, 2016
CCS Right Wing	P21,000,000.00	P 18,508,213.86	March 29, 2016
Renovation of Engineering Building	P23,974,385.41	P 21,348,166.75	March 04, 2016
Refurbishment of COE Left & Right Wing	P 2,899,470.00	P 2,534,125.75	Dec. 20, 2016
Repair of TSU Gymnasium Roofing at TSU Main Campus		P 2163,483.50	March 15, 2016
Smith Hall Renovation	P 3,996,026.26	P 3,668,978.36	Nov.06, 2016
Refurbishment of Classrooms and Computer Laboratory Rooms including Additional Works	P 14,303,500.00	P 11,657,251.07	Oct. 25, 2016
Phase I: Refurbishment of Chemistry Laboratory	P 2,562,439.52	P 2,167,192.13	October 10, 2016
Repair of Swimming Pool, Shower Rooms and Bleachers	P 780,000.00	P 555,122.96	May 22, 2016



Main Gate at the TSU Lucinda Campus

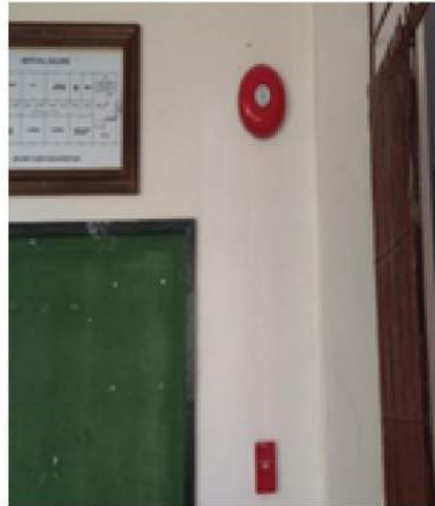




# Governance and Management



Repaired roofs of the TSU Gymnasium at the TSU Main Campus



Renovated structures at the Smith Hall Building located at the TSU Main Campus



Refurbishment of classroomss and computer laboratory.







# Governance and Management

## IV. Personnel Profile

Faculty Profile as to Academic Rank	
Plantilla Position	
Professor	Number
University President	1
Prof 6	8
Prof 5	2
Prof 4	6
Prof 3	4
Prof 2	2
Prof 1	1
Associate Professor	
Associate Prof 5	35
Associate Prof 4	17
Associate Prof 3	12
Associate Prof 2	6
Associate Prof 1	11
Assistant Professor	
Assistant Prof 4	14
Assistant Prof 3	21
Assistant Prof 2	16
Assistant Prof 1	17
Instructor	
Instructor 3	17
Instructor 2	4
Instructor 1 ( Permanent )	23
Instructor 1 (Temporary )	24
Non-Plantilla Position	Number
Instructor 1 (Contractual)	3
Instructor 1 (Substitute)	3
<b>Total</b>	<b>247</b>





Faculty Profile as to status of appointment	Number
Permanent	217
Temporary	24
Contractual	3
Substitute	3
<b>Total</b>	<b>247</b>

Faculty Profile as to Educational Attainment	Number
Doctorate Degree	76
Doctorate Degree with units only	76
Masters Degree	55
Masters Degree with units only	38
Bachelors Degree	2
<b>Total</b>	<b>247</b>

Non-teaching Profile	Number
Doctorate Degree	3
Doctorate Degree with units only	9
Masters Degree	12
Masters Degree with units only	51
Bachelors Degree	16
Vocational	5
Undergraduate	8
High School Level	7
<b>Total</b>	<b>111</b>



# Governance and Management

The Human Resource Management and Development Office was able to initiate and conduct numerous in-house seminars and trainings for the development of the faculty and personnel. Faculty and Personnel who were able to attend regional and local seminars/trainings for the year 2016 were as follows:

Trainings/Seminar	Number of Participants	
	Faculty	Non-Teaching
In-House	46	34
Regional	276	58
International	21	4
<b>Total</b>	<b>343</b>	<b>96</b>

## Neuro-Linguistic Programming for Administrative Council Members





**Seminar on the Revised Rules in Administrative Cases in the Civil Service**



**Forum on Public Sector Unionism with emphasis on Collective Negotiation Agreement**





# Governance and Management

## 5S Seminar – Workshop



Seminar/Workshop on the Five (5) S Programs recently launched at the University

## Veggie Noodles Making and Pastry Making



Entrepreneurial and individual activities were part of the academic calendar activities of the TSU Personnel



**Tribute to retiring TSU faculty and personnel.**



To ensure effective and efficient management of institutional documents, records and archives of the different offices and units of the University, the Central Records Office conducted a year-end evaluation of their Records management on December 28, 2016 at the Main AVR.



**Institutional Linkages and External Affairs**

Envisioned to be a premier university in the Asia Pacific region, the Tarlac State University has committed itself to building and strengthening the university's linkages and collaborations with foreign entities via programs such as Transnational Education, International Exchange Programs, International Short-Term Special Programs and International Assistance Programs, with the end in view of cultivating minds and hearts that are globally competitive.

The university has also continuously initiated and forged Memoranda of Understanding and Memoranda of Agreement with various local universities, organizations and institutions to be able to gain more support, sponsorships, scholarships, research collaborations and more – all for the benefit of their beloved students.

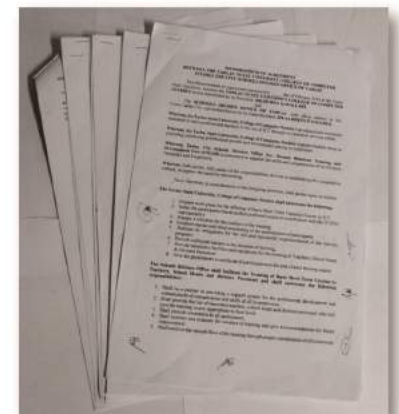
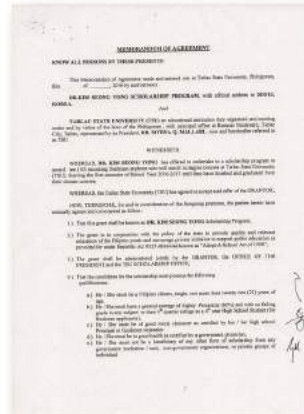
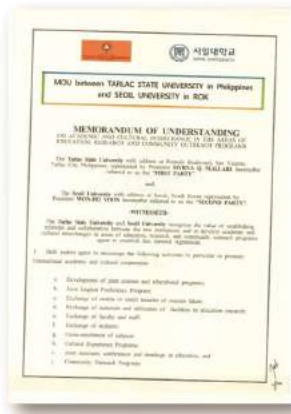


# Governance and Management

For the year 2016, partnerships or linkages were forged with nine (9) foreign entities, as follows:

Name of Partner/Institution/Agency	Nature of MOU/MOA	Effectivity Date
1. Daffodil International University (Dhaka, Bangladesh)	The MOU involves cooperative relations carried out through the activities such as: Exchange Programme, Faculty Exchange, Research Degrees, Resource Share, Summer/Spring Program, Blended Learning Courses, Intern Exchange and Scholarship Opportunity	November, 2016
2. University of Applied Sciences, Upper Austria	The MOU involves a) Offer of academic courses and curriculum, b) Exchange of Faculty Members c) Exchange of students d) Joint, Academic Courses, Research and Specific Research projects e) Joint conferences f) Joint Cultural Exchange Programs g) Public Service & Extension Services h) Other Exchange and Collaborative Activities agreed upon by both institutions.	November, 2016
3. Sias International University		November, 2016
4. City University (Cambodia)		October, 2016
5. Sastra Angkor University (Cambodia)	The MOU involves 1) faculty, student and staff mobility and exchange 2) exchange of visits among officials and personnel 3) development and offering of academic programs 4) engagement in collaborative research and community development undertakings 5) joint scientific and academic conferences visits and discussions and 6) other exchanges in the cultural, literary, sports and other similar fields of endeavour.	October, 2016
6. Seoul University (South Korea)		September, 2016
7. Yeungjin College (South Korea)	The MOA provides for the Study Abroad Program of Korean students to Tarlac State University to enroll in English language proficiency classes and tutorials, cultural experience and social service activity.	September, 2016
8. Dr. Kim Seong Yong Scholarship (South Korea)	The MOA provides for a Scholarship Program of Dr. Kim Seong Yong to ten (10) deserving freshmen students enrolled in the different curricular programs of the University during the 1st Semester Academic Year 2016-2017 until they graduate.	June, 2016
9. University of Information Science and Technology "St. Paul the Apostle" Ohrid, Macedonia	The MOU includes a framework of cooperation on matters of mutual interest including academic/teaching staff, researchers visits and exchange, student/academic credit exchange, joint projects on research, development and education, scientific conferences, symposiums, seminars, workshops, and other scientific events, professional courses and training, exchange of publications and other materials of common interests and other areas cooperation that the Participating Institutions may define together.	June, 2016

## Dr. Kim Seong Yong Scholarship Program



## International Mobility or Exchange Programs

The Tarlac State University has established and coordinated with Yeungjin College, South Korea in the implementation of the International Advanced Degree Program (BSIT) by sending the following faculty:

### June to August 2016

- Mr. Rodel Macasaquit, faculty member, CASS
- Mr. John Lulu, faculty member, CASS

### December 2016

- Ms. Anna Maria Soccorro Y. Coloma, CASS
- Ms. Jazzel Llanelli E. Manalo, CASS



# Governance and Management

## Transnational Education Program

A total of sixty-six (66) oral defense examinations for TNE students were completed for the year 2016, in the following degrees:

MBA	MAEd	EdD	PhD BA	DBE	DPA	Total
2	1	31	24	5	3	66



A total of sixty-five (65) doctorate degree students have graduated in January 2016, as follows:

Doctorate Degree	No. of Students Graduated
Doctor of Business Administration	3
Doctor of Education in Educational Management	11
Doctor of Public Administration	8
Doctor of Philosophy in Business Administration	28
Doctor of Business Economics	15
<b>Total</b>	<b>65</b>



### Philippine Study Visit (June 21-June 27, 2016)

The School of Computer Information at Yeungjin College organized a visiting program at Tarlac State University for Yeungjin students who were currently studying the Advanced International Bachelor's Degree program (3+1). There were eleven (11) students who participated in this activity held on June 21-27, 2017.



The purpose of the program was to motivate the Yeungjin student-participants through their visit to TSU and to cultivate a global mindset by way of TSU class observation and local activities.

### Institutional Linkages

Additionally, there have been partnerships or linkages formed with a total of twenty-four (24) local entities for the year 2016, as follows:

Agency/Organization/Institution	Nature of the Partnership/Project	Effective Year/Date
Sitel Philippines, Corp. (MOU)	Development of student competencies	2016
Tarlacl Electric Cooperative, Inc. (TARELCO I)	On-the-Job Training	2016
Tarlac II Electric Cooperative, Inc. (TARELCO II)	On-the-Job Training	2016
Elarsi, Inc.	Internship/On-the-Job Training	2016
Cleanway Environmental Management Solution, Inc.	Internship/On-the-Job Training	2016
Department of Agriculture Regional Field Office 1 (DAR – RFO 1)	Internship/On-the-Job Training	2016
Optimal Laboratories, Inc.	Internship/On-the-Job Training	2016
HiAdvance Philippines, Incorporated	Internship/On-the-Job Training	2016
CRL Environmental Corporation	Internship/On-the-Job Training	2016
SGS (Subic Bay), Inc. – Oil, Gas and Chemicals	Internship/On-the-Job Training	2016
Development Bank of the Philippines	On-the-Job Training	June 10, 2016 – Aug. 05, 2016
Philippine Statistics Authority	On-the-Job Training	June 13, 2016 – July 29, 2016
Government Services Insurance System (GSIS Tarlac)	On-the-Job Training	June 13, 2016 – Aug. 04, 2016
PhilHealth LHIO Tarlac	On-the-Job Training	June 13, 2016 – Aug. 05, 2016



# Governance and Management

Bureau of Internal Revenue	On-the-Job Training	June 14, 2016 – Aug. 05, 2016
Social Security System	On-the-Job Training	June 13, 2016 – Aug. 05, 2016
STMicroelectronics, Inc.	Student traineeship program	2016
Tayo Awards Foundation, Inc.	Provision of technical assistance to TAYO in the form of Logistics and Student Participation	2016-2017
Alexander D. Pascual	Scholarship program	2016
LGU – Brgy. Balanti, Tarlac City; Balanti Elementary School; Ms. Charity S. Lacsamana	Community Development Program	Feb. 2016 – Feb. 2018
Department of Agrarian Reform (DAR)	Provision of Agri-extension and Business Development Services	Jan. 2016 – present
City Schools Division Office of Tarlac	Internship/ Training of student teachers	2016
Provincial Schools Division Office of Tarlac	Internship/ Training of student teachers	2016
St. Rose Catholic School, Inc. (Paniqui, Tarlac)	Development of a coordinated and collaborative education delivery system	2016

## Alumni Affairs

### Grand Alumni Homecoming and Election of TSUAAI

The Grand Alumni Homecoming and Election of TSUAAI was held on April 23, 2016 with 335 attendees



### First Alumni Gala Night on October 22, 2016

The first Gala Dinner and Awards Night organized by the TSU Alumni Association, Inc. (TSUAAI) and the University's Alumni Affairs Office (AAO) was held on October 22, 2016 at the TSU Gymnasium and was attended by a number of TSU alumni coming from various colleges.

A total of 21 distinguished TSU alumni were awarded.









# Teaching and Learning





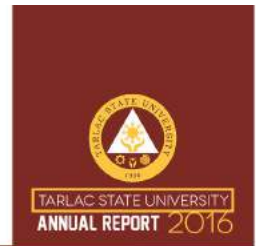
## Education is power.

"Education is the most powerful weapon we can use to change the world."  
- Nelson Mandela





# Teaching and Learning



## Instruction

True to its goal of upholding academic excellence and establish its position as a premier university in the Region, TSU continues to strive for excellence in the delivery of education. The College of Education was awarded Center of Development for Teacher Education on May 17, 2016 at CHED Office. The award was received by the University President, Dr. Myrna Q. Mallari along with the Vice President for Academic Affairs, Dr. Lolita V. Sicat and the Dean of the College of Education, Dr. Julieta Lagasca. The Center of Development program is provided for under Section 8 (f) of RA 7722, otherwise known as the "Higher Education Act of 1994," which states that CHED shall "identify, support and develop potential centers of excellence in program areas needed for the development of world-class scholarship, nation building and national development."

A large photograph of an awarding ceremony. The backdrop features the text "AWARDING CEREMONY CENTERS OF EXCELLENCE AND CENTERS OF DEVELOPMENT 17 MAY 2016". Five people are standing on a stage, and there are floral arrangements on either side. A circular seal with the year "1994" is visible in the background.

# AWARDING CEREMONY

## CENTERS OF EXCELLENCE AND CENTERS OF DEVELOPMENT

### 17 MAY 2016

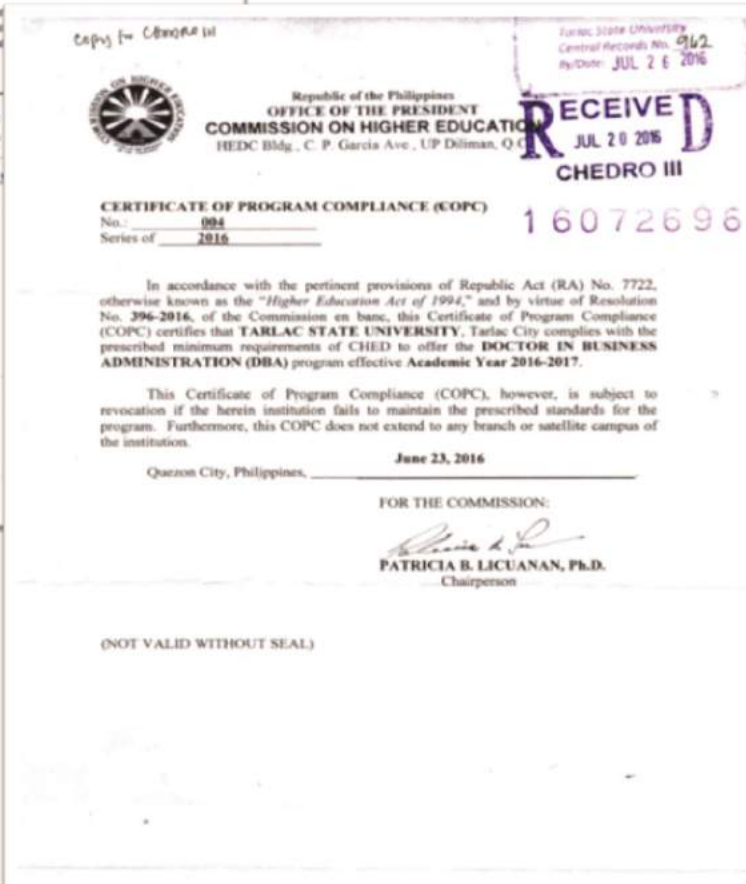
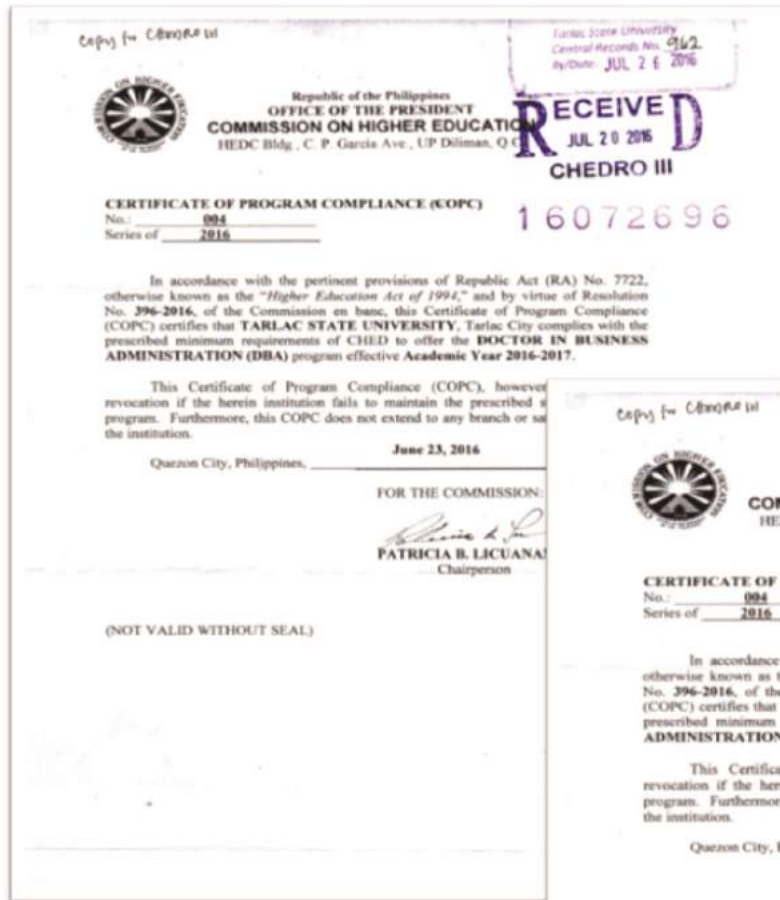
Awarding of Center of Development for Teacher Education of the College of Education held on May 17, 2016 at CHED Office.




# Teaching and learning

As a testament to the excellent standard practiced by the university in providing quality education, the Master in Business Administration and the Doctor of Business Administration programs of the university were granted a Certificate of Program Compliance (COPC) by the Commission on Higher Education Region III (CHEDRO III). The COPC was awarded on June 3, 2016 in accordance with the provisions of Republic Act No. 7722, otherwise known as the "Higher Education Act of 1994" and by virtue of Resolution No. 396-2016.

The Certificates of Program Compliance (COPC) of the four (4) programs of the College of Engineering were also released on September 1, 2016. The four programs awarded with COPCs are Bachelor of Science in Industrial Engineering, Bachelor of Science in Industrial Engineering, Bachelor of Science in Civil Engineering, and Bachelor of Science in Electronics Engineering.






 Republic of the Philippines  
 Office of the President  
**COMMISSION ON HIGHER EDUCATION**  
 Regional Office III  
 Matulungin St., Diosdado Macapagal Government Center  
 Malampis, City of San Fernando, Pampanga  
 Telefax: (045) 435-1662; Telephone Nos.: (045) 436-1846/436-1847

**RELEASED**  
SEP 01 2016  
CHEDRO III

**CERTIFICATE OF PROGRAM COMPLIANCE (COPC)**  
No. 026, Series 2016

**TO WHOM IT MAY CONCERN:**

This is to certify that the **TARLAC STATE UNIVERSITY, Tarlac City (Main Campus)** has successfully complied with all the prescribed documents for the **BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING** program for Levels I-V effective AY 2016-2017.


This COPC is based on the recommendation of evaluation team conducted on **May 28-29, 2014** and **June 14, 2016** for initial and validation of the **Bachelor of Science in Industrial Engineering** program. This further certifies that the said program is in conformity with the pertinent provisions of Republic Act (RA) No. 7722, otherwise known as the "Higher Education Act of 1994," and by virtue of **CHED Memorandum Order (CMO) No. 15, s. 2008 "Policies and Standards for the Degree Bachelor of Science in Industrial Engineering" Program.**

Thus, this COPC is hereby issued to the **TARLAC STATE UNIVERSITY, Tarlac City (Main Campus)** for the **Bachelor of Science in Industrial Engineering** program.

This Certificate of Program Compliance is issued for whatever legal purpose/s it may serve the said University.


City of San Fernando, Pampanga, Philippines, **August 4, 2016.**

FOR THE COMMISSION:

  
**DR. CARIDAD OLI ABUAN, CESO III**  
 Director IV

(Not valid without seal)

TMP/jg


 Republic of the Philippines  
 Office of the President  
**COMMISSION ON HIGHER EDUCATION**  
 Regional Office III  
 Matulungin St., Diosdado Macapagal Government Center  
 Malampis, City of San Fernando, Pampanga  
 Telefax: (045) 435-1662; Telephone Nos.: (045) 436-1846/436-1847

**RELEASED**  
SEP 01 2016  
CHEDRO III

**CERTIFICATE OF PROGRAM COMPLIANCE (COPC)**  
No. 023, Series 2016

**TO WHOM IT MAY CONCERN:**

This is to certify that the **TARLAC STATE UNIVERSITY, Tarlac City (Main Campus)** has successfully complied with all the prescribed documents for the **BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING** program for Levels I-V effective AY 2016-2017.


This COPC is based on the recommendation of evaluation team conducted on **May 28-29, 2014** and **June 14, 2016** for initial and validation of the **Bachelor of Science in Electrical Engineering** program. This further certifies that the said program is in conformity with the pertinent provisions of Republic Act (RA) No. 7722, otherwise known as the "Higher Education Act of 1994," and by virtue of **CHED Memorandum Order (CMO) No. 34, s. 2008 "Policies and Standards for the Degree Bachelor of Science in Electrical Engineering" Program.**

Thus, this COPC is hereby issued to the **TARLAC STATE UNIVERSITY, Tarlac City (Main Campus)** for the **Bachelor of Science in Electrical Engineering** program.

This Certificate of Program Compliance is issued for whatever legal purpose/s it may serve the said University.


City of San Fernando, Pampanga, Philippines, **August 4, 2016.**

FOR THE COMMISSION:

  
**DR. CARIDAD OLI ABUAN, CESO III**  
 Director IV

(Not valid without seal)

TMP/jg


 Republic of the Philippines  
 Office of the President  
**COMMISSION ON HIGHER EDUCATION**  
 Regional Office III  
 Matulungin St., Diosdado Macapagal Government Center  
 Malampis, City of San Fernando, Pampanga  
 Telefax: (045) 435-1662; Telephone Nos.: (045) 436-1846/436-1847

**RELEASED**  
SEP 01 2016  
CHEDRO III

**CERTIFICATE OF PROGRAM COMPLIANCE (COPC)**  
No. 025, Series 2016

**TO WHOM IT MAY CONCERN:**

This is to certify that the **TARLAC STATE UNIVERSITY, Tarlac City (Main Campus)** has successfully complied with all the prescribed documents for the **BACHELOR OF SCIENCE IN CIVIL ENGINEERING** program for Levels I-V effective AY 2016-2017.


This COPC is based on the recommendation of evaluation team conducted on **May 28-29, 2014** and **June 14, 2016** for initial and validation of the **Bachelor of Science in Civil Engineering** program. This further certifies that the said program is in conformity with the pertinent provisions of Republic Act (RA) No. 7722, otherwise known as the "Higher Education Act of 1994," and by virtue of **CHED Memorandum Order (CMO) No. 29, s. 2007 "Policies and Standards for the Degree Bachelor of Science in Civil Engineering" Program.**

Thus, this COPC is hereby issued to the **TARLAC STATE UNIVERSITY, Tarlac City (Main Campus)** for the **Bachelor of Science in Civil Engineering** program.

This Certificate of Program Compliance is issued for whatever legal purpose/s it may serve the said University.


City of San Fernando, Pampanga, Philippines, **August 4, 2016.**

FOR THE COMMISSION:

  
**DR. CARIDAD OLI ABUAN, CESO III**  
 Director IV

(Not valid without seal)

TMP/jg


 Republic of the Philippines  
 Office of the President  
**COMMISSION ON HIGHER EDUCATION**  
 Regional Office III  
 Matulungin St., Diosdado Macapagal Government Center  
 Malampis, City of San Fernando, Pampanga  
 Telefax: (045) 435-1662; Telephone Nos.: (045) 436-1846/436-1847

**RELEASED**  
SEP 01 2016  
CHEDRO III

**CERTIFICATE OF PROGRAM COMPLIANCE (COPC)**  
No. 024, Series 2016

**TO WHOM IT MAY CONCERN:**

This is to certify that the **TARLAC STATE UNIVERSITY, Tarlac City (Main Campus)** has successfully complied with all the prescribed documents for the **BACHELOR OF SCIENCE IN ELECTRONICS ENGINEERING** program for Levels I-V effective AY 2016-2017.


This COPC is based on the recommendation of evaluation team conducted on **May 28-29, 2014** and **June 14, 2016** for initial and validation of the **Bachelor of Science in Electronics Engineering** program. This further certifies that the said program is in conformity with the pertinent provisions of Republic Act (RA) No. 7722, otherwise known as the "Higher Education Act of 1994," and by virtue of **CHED Memorandum Order (CMO) No. 24, s. 2008 "Policies and Standards for the Degree Bachelor of Science in Electronics Engineering" Program.**

Thus, this COPC is hereby issued to the **TARLAC STATE UNIVERSITY, Tarlac City (Main Campus)** for the **Bachelor of Science in Electronics Engineering** program.

This Certificate of Program Compliance is issued for whatever legal purpose/s it may serve the said University.

City of San Fernando, Pampanga, Philippines, **August 4, 2016.**

FOR THE COMMISSION:

  
**DR. CARIDAD OLI ABUAN, CESO III**  
 Director IV

(Not valid without seal)

TMP/jg



# Teaching and learning

## Accreditation

To ensure the quality of instruction, standard practices and competence in the delivery of instruction, the different programs continue to undergo accreditation. For 2016, nine (9) programs passed their accreditation levels as the Accrediting Agency of Chartered Colleges and Universities of the Philippines (AACUP) awarded their status as shown below.

Program	Status
BS Industrial Engineering	Level III Phase 2
Bachelor in Industrial Technology majors in: Automotive Technology Electrical Technology	Level III Phase 2
Bachelor of Science in Industrial Technology majors in: Mechatronics Technology Electronics and Information Technology	Level III Phase 2
BS Architecture	Level III
AB Psychology	Level III Phase 2
AB English	Level III Phase 2
BSBA Economics	Level III Phase 2
BSBA Financial Management	Level III Phase 2
Doctor of Education	Level IV Phase 2

Figure 1. Accredited programs for 2016





## PRC Performance

Tarlac State University once again proved its commitment to provide quality instruction when it was able to produce topnotch performers in Licensure Examinations. The September 2016 Licensure Examination for Teachers and the October 2016 Licensure Examination for Criminologists resulted to five (5) topnotchers from the university

Moreover, the Tarlac State University was ranked as the 3rd **Best Performing School** after the release of the October 2016 Licensure Examination for Criminologists. TSU achieved an overall passing rate of **88.46%** while the national passing rate is **31.36%**.

**MACAPULAY, RICHARD C.**  
Bachelor in Secondary Education

Rank  
**1**



**CASTILLO, MARK P.**  
Bachelor in Elementary Education

Rank  
**1**



**PARAON, MELODY S.**  
Bachelor in Elementary Education

Rank  
**10**



**TUBAY, ROSE ANN S.**  
Bachelor in Elementary Education

Rank  
**10**



**LUZONG, LIAN CARLAC C.**  
Bachelor of Science in Criminology

Rank  
**6**



Thanksgiving Celebration and awarding of financial incentives to the Topnotchers on December 9, 2016 at the TSU Gymnasium.



# Teaching and learning

The delivery of an effective program and quality instruction is measured in the overall performance of the universities in licensure examinations. The university has twelve (12) academic programs with licensure examinations, eight (8) of which have achieved averages higher than the national passing rate.

TSU PRC Performance 2016					
COURSE/PROGRAM	FIRST TIMERS	REPEATERS	Overall Performance % Passed	National Passing Rate	First Timers %/National Passing
	% PASSED	% PASSED			
<b>COLLEGE OF EDUCATION</b>					
<b>BEED</b>					
March	54.55	32.93	36.55	28.39	192
September	80.43	9.22	53.72	30.18	267
<b>BSED</b>					
March	74.49	26.82	43.68	35.43	210
September	67.93	9.84	47.72	33.78	201
<b>COLLEGE OF ENGINEERING</b>					
<b>CIVIL</b>					
September Middle East	100.00	25.00	40.00	23.97	417.19
November	54.22	28.57	50.52	45.90	118.13
<b>EE (Electrical)</b>					
April	57.14	10.00	29.41	41.29	138.39
<b>ME (Mechanical)</b>					
March	100.00	66.67	75.00	55.32	180.77
September	90.32	0.00	90.32	69.57	129.83
<b>COLLEGE OF SCIENCE</b>					
<b>Nursing</b>					
November	100.00	87.50	94.74	47.73	209.51
<b>COLLEGE OF BUSINESS AND ACCOUNTANCY</b>					
<b>Accountancy</b>					
May	30.77	54.55	44.07	42.91	71.71
October	78.43	25.93	60.26	36.48	214.99
<b>COLLEGE OF ARTS AND SOCIAL SCIENCES</b>					
<b>Criminology</b>					
December	88.46	0	88.46	31.36	282.08

Figure 2. TSU PRC Performance for 2016



On the same note, the university takes pride in being able to produce its First Associate ASEAN Engineers when four (4) of its batch 2015 Industrial Engineers qualified as members in the prestigious body. The graduates who qualified as Associate ASEAN Engineers are Sharmaine Jane Abainza, Niel Adam, Mikee C. Bais, and Jerlyn P. Sangalang. Prior to becoming Associate ASEAN Engineers, they passed the 7th Industrial Engineering Certification Examination held last December 06, 2015 which was simultaneously conducted in Adamson University in Manila and University of San Jose Recoletos in Cebu City. The examination was administered by the Philippine Institute of Industrial Engineers (PIIE) through the Industrial Engineering Certification Board (IECB).



### Enrollment Trend

The rise in enrollment in all colleges of the university is seen in Table 3. College of Business and Accountancy has the highest number of enrollees with 9, 631 followed by the College of Education and College of Engineering with total enrollees of 7, 621 and 6, 173 respectively. The university was able to serve thirty seven thousand six hundred five (37, 605) students enrolled in the university this 2016.

COLLEGE	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester	Summer	Total
CBA	4,164	3,578	1,889	9,631
COED	2,877	2,573	2,177	7,621
COE	2,397	2,224	1,552	6,173
CCS	1,960	1,654	884	4,498
CASS	1,901	1,593	662	4,156
CAFA	820	747	300	1,867
CT	643	543	330	1,516
COS	554	470	183	1,207
CPA	397	366	32	795
CL	125	16		141
CHK	3	1	4	8
<b>Grand Total</b>	<b>15,838</b>	<b>13,764</b>	<b>8,003</b>	<b>37,605</b>

Figure 4. Graduation Statistics of Baccalaureate Programs for 2016



# Teaching and learning

## Graduation Trend

For the year 2016, the Tarlac State University has conducted three (3) graduation exercises (January, June, and August). Two thousand nine hundred fifty four (2, 954) students were able to graduate from the different colleges of the university broken down as follows:

College	January 2016	June 2016	August 2016	Total
<b>Baccalaureate Programs</b>				
CBA	114	598	98	810
COED	71	465	3	539
COE	28	272	72	372
CCS	5	303	21	329
CASS	34	212	48	294
CAFA	15	149	0	164
CT	3	113	2	118
COS	1	87	0	88
CPA	0	68	4	72
CL	1	61	1	63
CHK	1	7	0	8
<b>Grand Total</b>	<b>273</b>	<b>2,335</b>	<b>249</b>	<b>2,857</b>

Figure 4. Graduation Statistics of Baccalaureate Programs for 2016

COLLEGE	January 2016	June 2016	August 2016	Total
<b>Graduate Programs</b>				
COED	11	26	16	53
CPA	11	4	6	21
CBA	4	1	2	7
COE	2	0	5	7
CCS	0	2	4	6
COS	0	2	1	3
<b>Grand Total</b>	<b>28</b>	<b>35</b>	<b>34</b>	<b>97</b>

Figure 5. Graduation Statistics of Graduate Programs for 2016

PROGRAM	January 2016	June 2016	August 2016	Total
<b>Baccalaureate Programs</b>	<b>273</b>	<b>2335</b>	<b>249</b>	<b>2857</b>
<b>Graduate Programs</b>	<b>28</b>	<b>35</b>	<b>34</b>	<b>97</b>
<b>Grand Total</b>	<b>301</b>	<b>2370</b>	<b>283</b>	<b>2954</b>

Figure 6. TSU Graduation Statistics for 2016



## Graduation Rites and Ceremonies



## Faculty Development

As frontliners in providing quality instruction to the students, faculty members are given utmost support to strengthen their capability and potential. They are given opportunities to improve, learn and grow through the different trainings, seminars, workshops, and forums they attend.



# Teaching and learning

---

More notable achievements in teaching and learning include the following:

All Engineering faculty members attended a seminar on **Coaching & Mentoring Workshop for Accreditation** under PTC-Washington Accord at TSU Main AVR on May 16, 2016. The seminar was conducted in compliance with the requirements for accreditation by the Philippine Technological Council.

The faculty members of the College of Computer Studies took and passed the **Microsoft Certification Exam** at Wesleyan University on May 4, 2016. They are now considered as Microsoft Office Specialists.

Two of the CAFA faculty members, Architects Garry Advento and Eduardo Quintero, passed the **Licensure Examinations for Environmental Planner** this 2016.

**Dr. Julieta M. Lagasca** of the College of Education presented her paper "The Professional Competencies of College of Education Teachers in the Province of Tarlac: An Analysis", and was awarded as **Outstanding Research and Presentation** on November 8-11, 2016 at the University of London.

Similarly, **Dr. Ma. June S. Carlos** of the College of Public Administration and Local Governance **presented a Project Report** on "Influencing Local Governance with Citizen Satisfaction in the Province of Tarlac: *Bayanihang Pamamahala at Pakikilahok Pangkaunlaran ng Lalawigan*", on December 6-9, 2016 in Iloilo City.

## Faculty Profile

Giving importance to the role of the faculty members, continuous support is given to them to enhance their proficiency. Out of the total two hundred forty six (246) permanent faculty members, seventy five (75) were able to obtain their doctorate degrees while seventy six (76) were able to obtain units and are still working on their doctorate degrees. On the other hand, fifty three (53) faculty members were able to obtain their master's degree while thirty nine (39) faculty members are still working on their master's degree. Competent faculty members were given opportunities to advance their education. This, through the Faculty Scholarship Program of the University. Figures 7 show the profile of TSU faculty members in terms of Degrees obtained.

The Faculty Scholarship Grant is also given to help qualified faculty members who want to advance their education. The Faculty Scholarship Committee is headed by the Vice President for Academic Affairs. For 2016, a total of twenty eight (28) faculty scholars availed the scholarship grant. Ten (10) faculty members or 16% of the grantees qualified in the Scheme A of the scholarship grant. Qualified grantees under this scheme are faculty members with a two- year permanent status who shall undertake Master's or Doctorate degree in line with their specialization. Under this scheme, the grantee will sign a scholarship contract, will receive a monthly salary, plus monthly stipend, book allowance, full tuition fees, as well as benefits

from the TSU administration while on a two-year and four-year scholarship term for Master’s and Doctorate degree respectively.

Two (2) faculty members or 7% of the grantees on the other hand, qualified in Scheme B of the scholarship grant. Scheme B is a scholarship privilege where the teaching personnel receives teaching deloading and a maximum of only six (6) units. The grantee under this scheme is entitled to receive thesis/dissertation aid and salary plus benefits.

Completing the total number of grantees are sixteen (16) faculty members or 57% who qualified in Scheme C of the scholarship grant. This scheme is a scholarship privilege for any faculty member under a fellowship grant funded by a private institution, university, or agency, either nationally or internationally.

### Profile of Scholars by Scheme

■ Scheme A   ■ Scheme B   ■ Scheme C

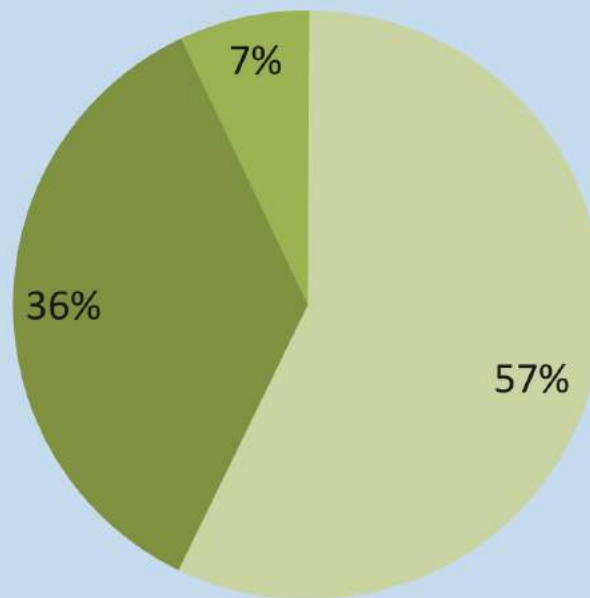


Figure 7. Profile of Faculty Scholars by Scheme



# Teaching and learning

## Student Development

The students of the university are given utmost support in their quest to expand their knowledge and develop their skills. The support not only covers academic endeavors but also extends to culture and the arts.

The TSU Performing Arts participated in the World Artistic Dance Federation held in Moscow, Russia on March 19-20, 2016. They won 7 World Cup Trophies which includes 5 Championships and 2 Runner up places in the following events: Champion in Ethno and Traditional Dance Large Team Categories; Champion in the Ethno and Traditional small Team Categories; Champion and First Runner up in the Synchronized Dance Competition, and First Runner up in the small team Traditional Dance Category. This achievement not only brought honor to the university but to the country as well.



The TSU Chorale participated in the "Patimpalak Awit Makabayan-Unang Republika" Celebration of the Malolos City Government in Bulacan on January 23, 2016. They were able to bring home the First Runner Up award.



There were also ten (10) students of the College of Architecture and Fine Arts who won in the Sininglangan Competition held at the University of the East campus on February 24, 2016. Three (3) of the students won the Grand prize while the seven other participants were finalists.



College of Architecture and Fine Arts students who joined and won in the Sininglangan Competition held at University of the East campus on February 24, 2016.

The university was able to send the TSU Taekwondo Team to the 2016 Regional New Face Taekwondo Championship held at the Subic Gym, SBMA, Subic Bay Freeport Zone on May 22, 2016. Seven members of the team won gold: Arbee Pineda (CHK), Corbine Santos (CBA), John Vincent Maglaya (COED), Roden Bagsic (COED), Gianne Nikka C. Lacandula (COS), Jennifer O. Sagun (COS), and Carlynn Mae Q. Sicat (CBA). Five members also won silver: Vhince Ginelle Lim (CCS), Frank Erylle Mendoza (COS), Erika B. Fino (CPA), Josephine Daileg (CON), and Keithlene H. Sicat (CBA) while there were four who won bronze: John Kevin India (CCS), Revo Madella (COED), John Cedric Mariano (CCS), and Czarmaine G. Fabelico (CBA).



The TSU Taekwondo Team during the 2016 Regional New Face Taekwondo Championship held at the Subic Gym, SBMA, Subic Bay Freeport Zone on May 22, 2016.



# Teaching and learning



Mark Anthony Lim, a BS Chemistry 4th year student of the university, qualified as one of the Ten Outstanding Students of the Philippines (TOSP) – Region III awardee. This also made him qualified to the national level competition of the TOSP. He was awarded on May 30, 2016 at the Officers' Club, Clark Field Free Port Zone, Pampanga.



Another student of the university, Geriel C. Dela Cruz of the College of Public Administration, was chosen as one of the delegates to the 11th National Youth Parliament held on June 1-4, 2016 in Iloilo City. The National Youth Parliament is organized by the National Youth Commission. It champions youth advocacies on youth development. It is a forefront program which is held to forge possible policies which could be implemented nationwide.

The TSU Chorale proudly performing on the world stage.



Performing and winning the Grade II-Gold for both the Chamber and Folklore category in Orientale Concentus IX international choral festival held in Singapore on July 1-4, 2016.



The Certificates received by the TSU Chorale in Orientale Concentus IX held in Singapore on July 1-4, 2016.



# Teaching and learning

The Junior Philippine Institute of Accountants (JPIAs), and the Accountancy and Accounting Technology students of the College of Business and Accountancy (CBA) participated in the NFJPIA R3 20th Regional Mid-Year Convention held on September 25-27, 2016 in Villa Caceres, Naga City, Bicol. The convention aimed to encourage the participants to compete in the different academic events and establish camaraderie and sportsmanship between and among the accountancy students from different schools in the region. Among the winners and awardees in the said event from TSU were: Melford Dupitas (1st Place ) and Michael Donny Angeles (8th Place) for Advance Financial Accounting and Reporting; Nelissa Ann Hipolito (2nd Place) and Kathryn Castro (5th Place) for Taxation Cup, Ranel Clark Tabios (6th Place) for Basic Accounting Cup, Mcklein Manalang (3rd Place) for Business Law Cup, and John Daniel David (6th Place) for SGV Cup.

Moreover, three TSU – JPIAs were chosen to be the region's representative to the National Mid - Year Convention on October 27-30, 2016; John Daniel David, Melford Dupitas and Nelissa Ann Hipolito.



The College of Business and Accountancy (CBA) students during the NFJPIA R3 20<sup>th</sup> Regional Mid-Year Convention held on September 25-27, 2016 in Villa Caceres, Naga City, Bicol.

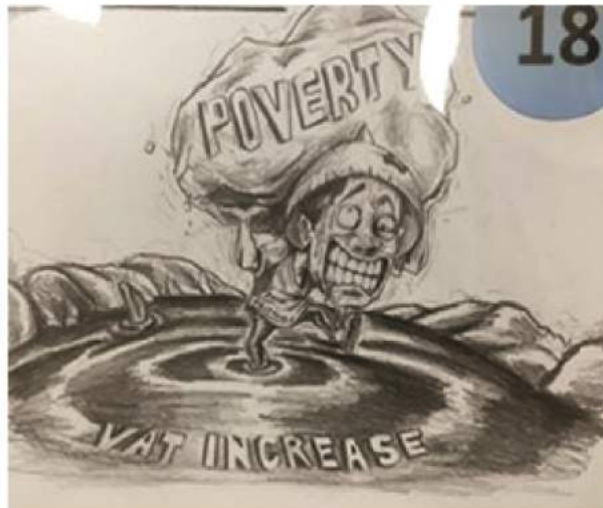
On the other hand, the Philippine Society of Mechanical Engineers TSU-SC attended the 6th National Student Conference last October 5-6, 2016 at SMX Convention Center, Pasay City. The Machine Design Competitors from the university were able to bag 3rd Place in the contest. The competitors include Christian Neil Acosta, Gershwin Miranda, Mhar Vincent Ragma, Mark Charles Ganzon, Efren Vergara, Dexter Navarro, Jomel Pineda, Kim Patrick Daus, Pidy Balanay, and Raymond Tiamzon.



The Philippine Society of Mechanical Engineers TSU-SC during the 6th National Student Conference held on October 5-6, 2016 at SMX Convention Center, Pasay City.

CAFA Fine Arts Students also won in the National Economic Development Authority (NEDA) Visual Arts Competition 2016 held on November 24, 2016 at the NEDA Regional Office 3, Pampanga. In the category Editorial Cartooning, Kenneth Leo Pamlas emerged as 1st placer while Jayme Lucas was named 4th placer. In the Poster Making Contest, Christian Aaron Bondoc and Edno Joson bagged 2nd and 3rd place respectively.

The winning entry for Editorial Cartooning of CAFA's Kenneth Leo Pamlas and the TSU team during the NEDA's Visual Arts Competition held on November 24, 2016 in NEDA Regional Office 3, San Fernando, Pampanga.





# Teaching and learning

Aside from the above mentioned activities, various events were also conducted and participated in by the students of the university such as trainings, workshops, seminars and team-building activities. These activities aim to provide additional learning to the students outside the four walls of the classroom and foster camaraderie among the students from other academic institutions.

## Library Management Services

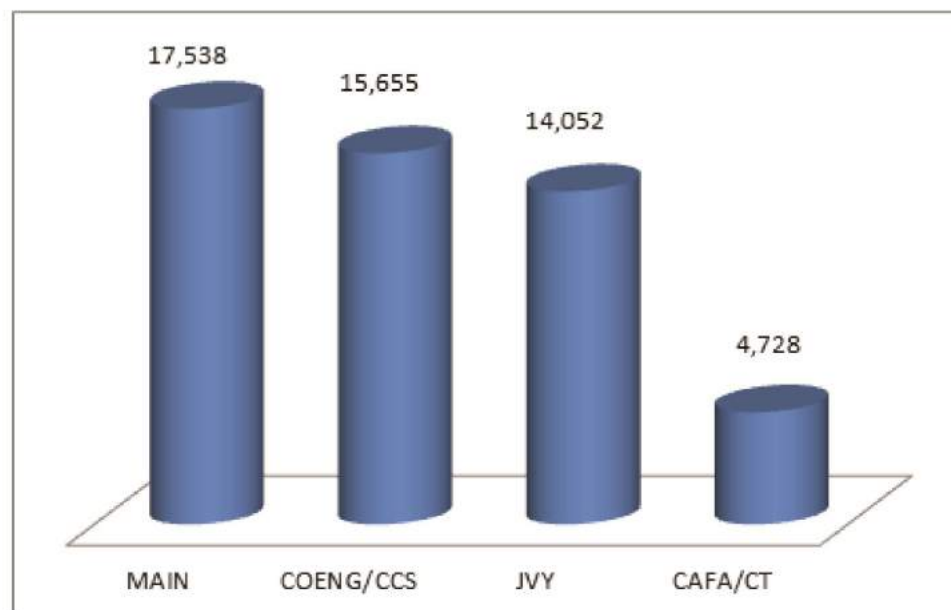
The Tarlac State University is ready to serve 24/7 through online access to the library collections.

The Library Management and Services has started the process of encoding and barcoding books using the new software Follet Destiny to enhance the current Online Public Access Catalog (OPAC) being used in searching for the availability of books in the three campus libraries.

Follett Destiny, a library management system was tapped to provide students of the university a 24-hour-seven-day access to resource materials through any web browser. A free mobile application is given to students who wish to visit the library and its units.

On the other hand, the Online Public Access Catalog (OPAC) is an online bibliography of the library collection. This automated scheme replaced the traditional card catalog set-up. The basic catalog features, such as book title, author, and subject are stored and accessed using the library computer.

**Utilization of Library Collection and Services**



**51,973 – Total Number of Clients Served**

Donations:

- 57 Nursing books for College of Science
- Book entitled "The Aquino Legacy : an enduring narrative"
- 4 copies "Diksyonaryong Bisual ng Arkitekturang Filipino for CAFA"

### 103,776 – Total Number of Library Users



Left - TSU Library officials receive from Melchor Cayabyab of the Camiling School for Home Industries, 57 nursing books donated by the HI- LO V. Donato Scholarship Foundation, USA. Right - Students at the Internet Section of the Hon. Jose V. Yap Library

## Counseling, Testing and Career Center

True to the mission of molding the students to holistically, the Counseling, Testing, and Career Center continues to perform its three-fold function with excellence and deep sense of responsibility. As such, the guidance counselors and staff were able to accomplish their task by serving the students with competence and efficiency.

### I. Counseling Services

	Total
Individual Counseling	2,293
Group Counseling	115
Individual Inventory Records-Freshman	374
Vocational Preference Inventory-VPI/RAISEC Administered (Career assessment/test and academic counseling for shifters, returnees, transferees and second coursers)	881
Issuance of Certificate of Good Moral Character	3,910
<b>Total</b>	<b>7,573</b>

### Testing Services

	Total
College Admission Test	480
Transferees	372
Second Courser	17
Professional Educational Units Applicants	110
Law Admission Test	53
<b>Total</b>	<b>1,029</b>



# Teaching and learning

## Career Services

	Total
Labor Education for Graduating Students(LEGS) and Pre-employment Orientation Seminar (PEOS)	1,674
Local Recruitment Activity	133
Job Fair 2016 (with 46 participating companies)	1,732
Referral Graduates	14,093
Tracer Study of TSU Graduates	87
Graduate Enlistment	2,500
<b>Total</b>	<b>20,192</b>

## Student Development

2016 has been a continuation of the Student Development Unit's steadfast mission to deliver quality activities and services that aim to further enhance and cultivate the innate capabilities of students to lead and serve with passion and dedication. Through its various units like the Student Discipline, Student Publication, and Student Organizations, the Student Development Unit under the supervision of the Office of Student Affairs maintains a strong commitment towards greater service to the studentry.

Trainings and seminars have been conducted by the unit sustain its efforts to instill not just knowledge and wisdom for students towards leadership, but also with values they need to acquire for their individual development. The 8th Leadership Training Summit, an annual summit intended for officers of College Councils and Supreme Student Councils took place at the Cozy Place Resort, Pangasinan in the month of August, is a notable activity for student leaders to build camaraderie and support among the councils. Leadership Training seminars were also expanded its scope for the benefit of the members/officers of seventy



two (72) recognized student organizations of the university. A Student Organization's Leadership Training Seminar and Teambuilding last October was also held at the TSU Hotel, with the theme "A Commitment Beyond Academics".

Also, student leaders participated in the annual Regional Conference on Student Activism (RECONSA 2016) held last November at the Universiti Teknologi Petronas, Seri Iskandar, Perak, Malaysia. The conference was participated in by other student leaders from Malaysia, Indonesia, Thailand, Egypt among other other countries.

TSU student leaders qualified and were recognized by prestigious award giving bodies such as the Ten Outstanding Student of the Philippine (TOSP) 2016 and Ayala Young Leaders Congress (AYLC). One of our delegates for TOSP had recently qualified to the national level.

The Student Publication Unit was able to send student writers to represented our university in prestigious press conferences for tertiary schools and State universities like the Regional Higher Education Press Conference (RHEPC) and Luzon Wide Higher Education Press Conference (LHEPC) where the editorial board and staff of The Work, the Official Student Publication of Tarlac State University won both individual and group category awards. Other activities that encourage the students to display their creative side in both literature and arts such as the annual LAAB journalism workshop and seminar for college publications.



In addition to the abovementioned accomplishments, the Student Development Unit has been involved to events and activities initiated by non-government and government offices, such as bloodletting activities, youth empowerment seminar like "TAYO and BayaniTAYO", as well as various student related services like the monitoring of events, the activities of every college council, the supreme student council, student organizations and publications. It also includes the review of the budget plans and general plan of action of all organizations. Strict adherence to the university's disciplinary policies are implemented, and the imposition of sanctions on students who are found guilty in violating these policies are spearheaded by the Student Discipline Unit. Also, the Gabi ng Parangal awards night provides a culmination and a celebratory event for all the student organizations as a reward for their hard work.



The unit also supports the different activities of the university conducted in 2016 both in academic and administrative areas.



# Teaching and Learning

## Student Scholarship

Following the Tarlac State University's vision to become a premier university in the Asia-Pacific Region, the Scholarship Unit consistently extends financial assistance to students who belong to indigent communities but have excellent academic performances through scholarship programs. 2016 had been a fruitful year for the Scholarship Unit because of the continuous support from both government and non-government agencies/departments by offering scholarship grants to students of TSU. New scholarship benefactors such as the Bet Evans Scholarship grant and the Hytec Power Inc. scholarship program are welcome additions to the roster of programs of the Scholarship Unit.

Unison Co. and PWD Scholarship programs have also successfully awarded their scholars during the month of April and November. Moreover, programs such as the Expanded Study Grant-in- Aid program for Poverty Alleviation ESGP PA (4Ps) continue to support their scholars and strengthen their rapport with them through the conduct of General Assemblies for 4Ps coordinators and Teambuilding activities.

The Scholarship Unit also participated in various seminars, scholar summits as well as meetings with their partner groups like that of the the Royal Institution Scholarship Program.

For the first semester of 2016, a total of two thousand nine hundred sixty four (2,964) students of the university under various scholarship programs were serviced by the office. The figure below shows the breakdown of scholarships availed by the students.

List of Scholarship Programs			
A.Y 2016-2017, 1 <sup>ST</sup> Semester			
TSU PROGRAMS	Number of Scholars		
	F	M	TOTAL
DEPENDENT CHILDREN OF BARANGAY OFFICIAL	33	14	47
DEPENDENT CHILDREN OF TSU FACULTY /PERSONNEL	30	28	58
PRESIDENTIAL DECREE 577- AFP EDUCATIONAL BENEFIT SYSTEM	3	7	13
SCHOLARSHIP PROGRAM FOR DIFFERENTLY ABLED INDIVIDUALS	2	1	3
TSU- STUDENT LEADERSHIP SCHOLARSHIP PROGRAM	4	7	11
TSU- BOARD OF REGENTS	5	2	7
TSU- COLLEGE (PARTIAL)	440	164	604
TSU- UNIVERSITY SCHOLARHIP (FULL)	59	24	83
TSU- THE WORK SCHOLARSHIP GRANT	-	2	2
NATIONAL COMMUNITY FOR INDIGENOUS PEOPLE	30	23	53
CHED			
CHED-DND-PASUC	12	8	20
CHED GRAD, EDUC, K-12	-	-	



<b>CONGRESSIONAL &amp; STUAP</b>			
ESGP-PA (4P'S)	186	88	274
TD-1 SAGIP PARTY LIST	227	107	334
TD-3 <sup>RD</sup> DISTRICT CONG. NOEL VILLANUEVA	557	320	877
TD- AKBAYAN	7	3	10
TD- BUHAY PARTYLIST	18	18	31
TD-BUTIL PARTYLIST	45	38	83
TD- DIWA PARTY LIST	12	3	15
TD-SEN. ANTONIO F. TRILLAÑES IV	18	10	28
<b>OTHER GOV'T AGENCIES/ LGU</b>			
DOST	24	20	44
LGU-CAMILING TARLAC SCHOLARSHIP GRANT	14	6	20
MUN. OF VICTORIA, TARLAC (MASTERS PROG) 1 <sup>ST</sup> TRIMESTER	23	2	25
CITY GOVERNMENT OF TARLAC-ESP	14	7	21
CITY GOV'T OF TARLAC-TECHNICAL VOCATIONAL SCHOLARSHIP PROG	2	2	4
OVERSEAS WORKERS WELFARE ADMINISTRATION (OWWA)	-	1	1
PHIL. VETERANS AFFAIRS OFFIC (PVAO)	3	-	3
<b>PRIVATE AND INDIVIDUAL SPONSORS</b>			
D'LUXE BAGS PHILS. INC	9	15	24
DR. KIM SEONG YONG SCHOLARSHIP PROGRAM	11	15	26
GELIO SCHOLARSHIP PROGRAM	11	5	16
PLDT SMART FOUNDATION, INC. 2G-GABAY GURO PROGRAM	5	-	5
ROYAL INSTITUTION, INC, PHILIPPINES	-	3	3
SM FOUNDATION, INC. SCHOLARSHIP	10	4	14
TSU-ALUMNI ASSO. INC SCHOLARSHIP	3	-	3
TSU-ATHLETIC SCHOLARSHIP GRANT	62	98	160
TSU- INVESTMENT COMMISSION PN CULTURE AND ARTS	15	14	29
TSU- ROTC	-	1	1
UNISON CO MEMORIAL FOUNDATON	8	3	11
YOKOHAMA TIRE PHILS., INC	-	1	1
<b>TOTAL no. of Recipients (December 14, 2016 as per Generated by the System 2016)</b>			<b>2964</b>



# Teaching and learning

## Medical Services

The Medical Service Office (MSO), has been in the forefront of providing Medical assistance to majority of the university-wide activities. Aside from the routine daily consultations for students, faculty and non- academic personnel in the university, the office has provided physical examination to students undergoing on-the Job training and medical assistance to different Colleges in their respective activities.



In line with its goal to provide an integrated health care system which is efficient, effective, timely, and patient- centered, the unit conducted wellness programs intended to give specific medical tests which are much needed in the community. These tests include sugar screening for diabetes, cholesterol screening for hypertensive, diabetic and overweight individuals, Electrocardiogram (ECG) for those with occasional chest heaviness, hemoglobin screening for those with anemia and nutritional counseling which provides individuals a proper nutritional guide based on their BMI (Body Mass Index) and co- morbid conditions like hypertension, diabetes, bronchial asthma. The office also issues timely medical advisories based on prevalent diseases during the year. This advisory enumerated the different diseases together with their signs and symptoms and a recommendation to visit the clinic if they have such presentations. This is part of the major functions of the office to provide information to the University regarding health issues to prevent these diseases from spreading here in the university.

In line with this, the office conducts an annual sanitary inspection of the university premises. This is to provide a safe and conducive place for learning for our students. This is usually done at the opening of classes, which includes the inspection of breeding places of mosquitoes and inspection of campus canteens. A report is generated with corresponding suggestions and recommendations. A review and evaluation of the Annual physical examination (APE) of the different college faculty is also conducted, the objective of which is to monitor the health status of our teaching force and to provide the necessary recommendations or medical follow- ups. The office conducts regular physical examination of students for the Intramurals, on the job



trainings and other activities requiring medical clearance.

The Medical Services Office (MSO) has truly evolved in the past few years in terms of medical work force, medical equipment and medical system management. The unit is starting to use an Electronic Medical Record (EMR) system which is designed to let the clinic have a computer based encoding of ailments together with a system for dispensing of medications. The MSO is still in the process of integrating this system and hopefully, be fully implementing this early next year.

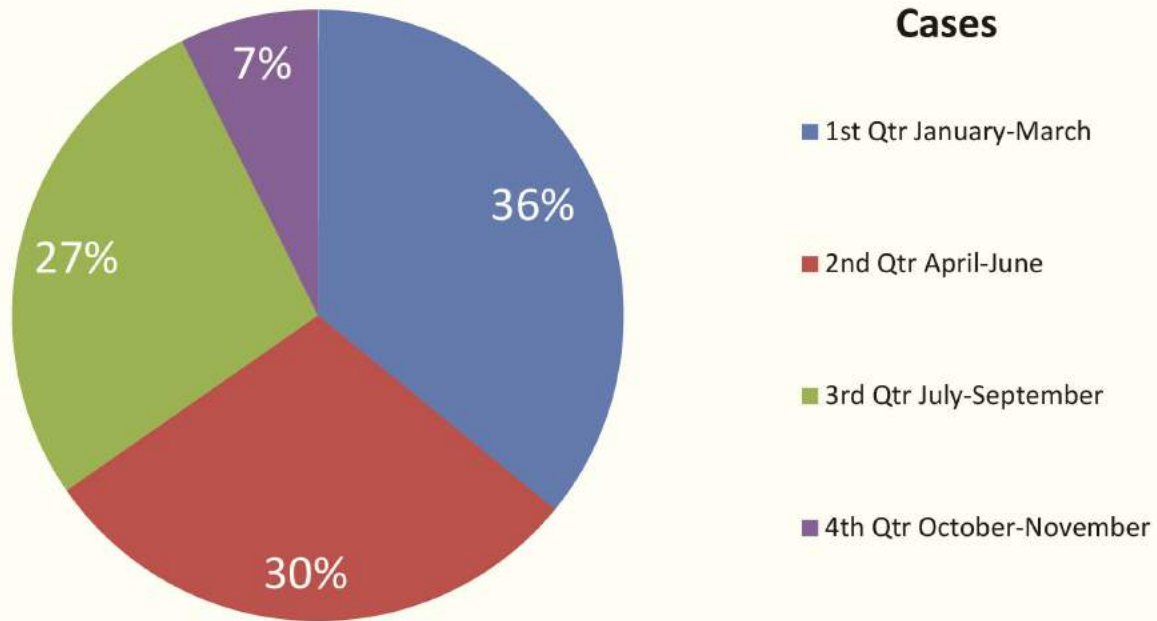
Recently, the office conducted Medical assistance together with the Red Cross Youth (TSU RCYC) - an organization of the University composed of student volunteers from the different colleges of the University. For them to be able to respond to emergency situations, the office conducted a First -Aid Seminar aimed at teaching them the basic skills in responding to emergency situations. In this way students are empowered to be involved in community service. Much is yet to be done but the personnel and staff are constantly improving their proficiency as competent health care professionals to provide the best possible care to students, academic and non-academic personnel of this university.

The following are the accomplishments of the Medical Services Office (MSO) for the year 2016:

Type of Medical Service Rendered to Faculty and Personnel		
Consultations/ Follow-up		498
Walk-in patients		835
BP Monitoring/ BP taking		1,409
Dispensed medicine		1,233
Ht/ Wt/Temp taking,RR/PR		513
APE / Medical certificate		203
Eye test (Ishihara & Snellen's test)		269
First Aid treatments:	Wound dressing	30
	Nebulization	19
	Warm/Cold compress application	14
	Eye/ Eardrop application	16
	Bandaging / Arm sling application	3
	Vaccination / Injection	2
	Minor Excision	1
Prescription orders		535
Issuance of emergency consultation form/ Appearance form to students		1
ECG taking		14
Oxygen inhalation		2
Referral to specialist ,Guidance Office / Admission		21
FBS, Cholesterol, Triglyceride and Nerve Screening Test		48
<b>Total =</b>		<b>5,666</b>



# Teaching and learning



Left - HIV Awareness Seminar conducted for the students from the College of Science last January 28, 2016 . Around 109 students attended the seminar designed to raise awareness about HIV, and ways to prevent the same.

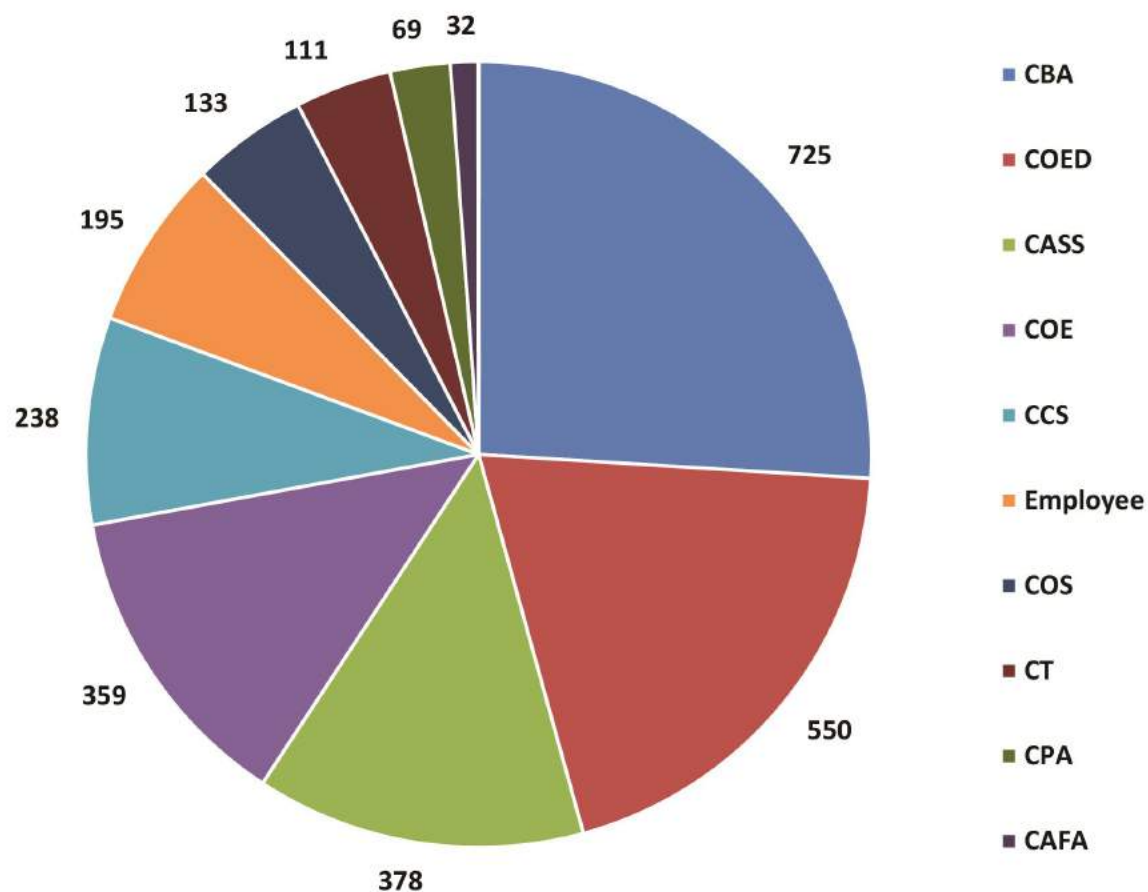
Right - Cholesterol, Triglyceride and Nerve Screening Test, Fasting Blood Sugar (FBS) test conducted last March 16 & 18, 2016 at the Main Clinic. Students, faculty, Non-teaching personnel; and outside clients attended the Clinic.

## Dental Unit

### Breakdown of Services

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Filling	38	176	117	94	72	29	66	67	138	63	88	64	1,012
Oral Prophylaxis	11	32	10	15	21	1	8	4	21	19	16	6	164
Extraction	8	39	9	10	3	4	11	39	65	18	26	13	245
Oral Exam	106	120	147	86	66	34	37	91	256	68	121	44	1,176
<b>Total</b>	<b>163</b>	<b>367</b>	<b>283</b>	<b>205</b>	<b>162</b>	<b>68</b>	<b>122</b>	<b>201</b>	<b>480</b>	<b>168</b>	<b>251</b>	<b>127</b>	<b>2,597</b>

### No. of Patient from each Department



2790 – Total Number of Patients served





# Research outputs, Professional Exposure and Creative Work





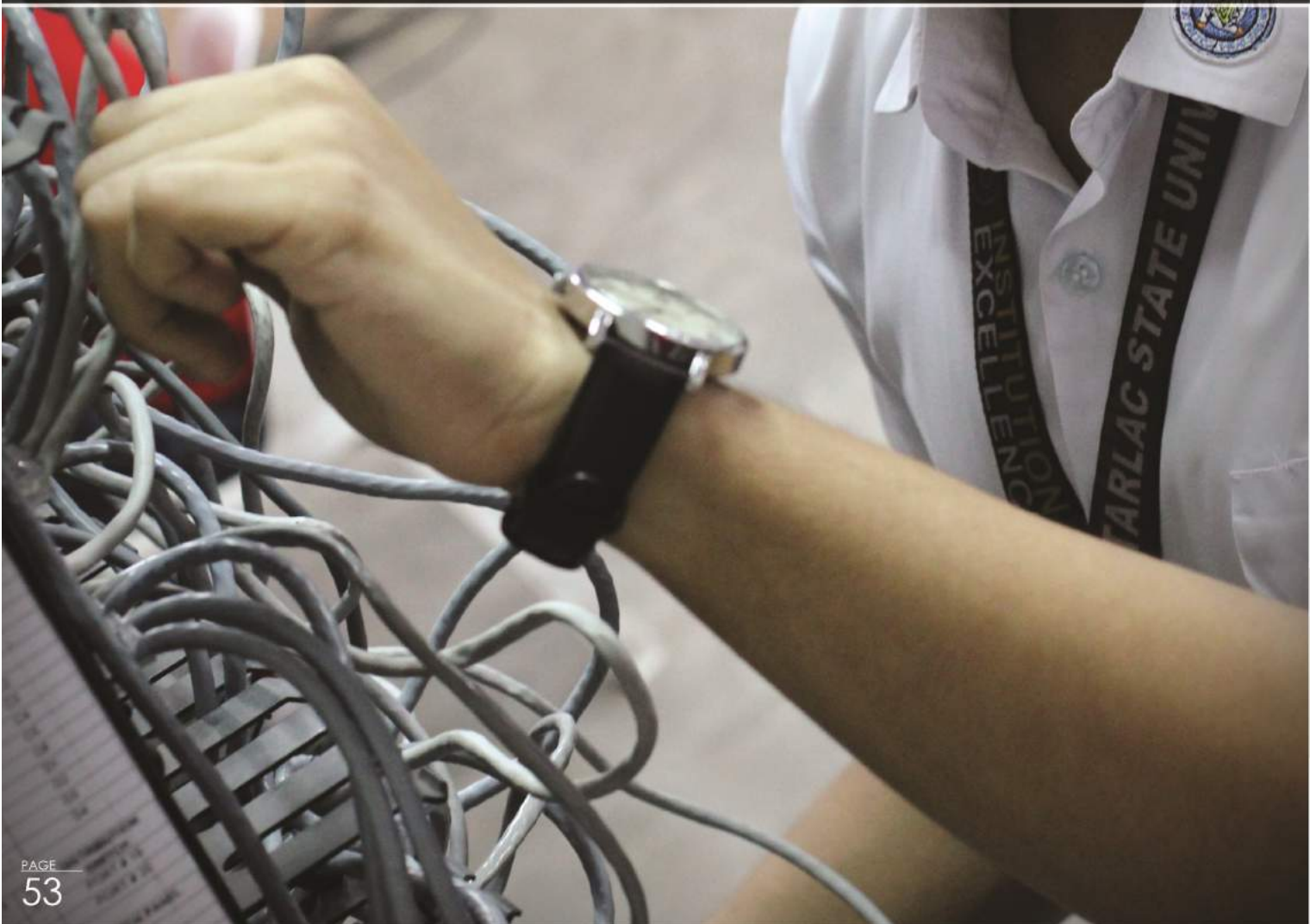




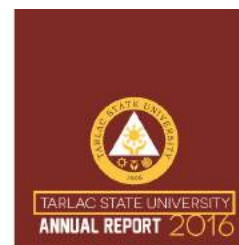


## Do your own thinking.

"If you spend too much time thinking about a thing, you'll never get it done."  
- Bruce Lee



# Research outputs, Professional Exposure and Creative Work



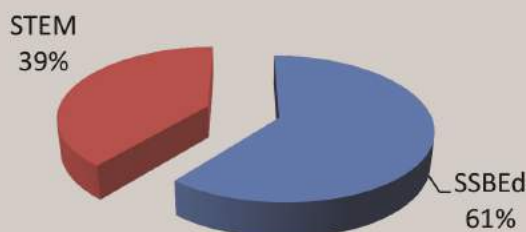
In the continuous strive for excellence, the University Research Office is proud to present its accomplishments for the year 2016. Ensuring the ethical standards of each research, the Research Ethics Review Committee (RERC) was established under the URO and was spearheaded by Dr. Lucila O. Sunga. A policy for anti-plagiarism was also furnished for the university aided by the subscription of the Turnitin Software (Plagiarism/ potential match detector). It was also this year when two research centers were aligned under the office, to wit; the Center for Tarlaqueño Studies and, the Pamantasang Sentro ng Wikang Filipino.

Completed Researches obtained by URO	23
Research Publications	17
Externally Funded researches	5
University funded Research Presentation	28
In-house Reviews	2
Capability Building	5

## Completed Researches

The table below shows the distribution of the completed researches in 2016 as to Science, Technology and Mathematics (STEM)- 9 researches; and Social Sciences, Business and Education (SOCSCI) - 14 researches:

### 2016 Completed Researches



Name of Faculty	Title
Dr. Elvira B. Mercado Dr. Limuel P. Pavico Dr. Elizabeth S. Muldong	1. Entrepreneurial Orientation among Tarlac State University BS Entrepreneurship Students and Graduates
Dr. Criselda Madriaga Dr. Aloysius Madriaga	2. Academic Delinquents and Shifters in a State University
Carmelita R. Herrera	3. Research Culture of the College of Education: a Vision of Excellence and Future Directions
Dr. Violeta S. Alfonso	4. Assessing Expository Writing Proficiency of Selected Students in a State University
Dr. Daisy T. Inalvez Ms. Arlyn C. Cura	5. Implementasyon ng Mother Tongue-Based Education: Batayan ng Isang Kagamitang Pampagtuturo



# Research outputs, Professional Exposure and Creative Work

Dr. Norbina Genever M. Castro Dr. Julieta M. Lagasca Dr. Carmelita R. Herrera Dr. Ma. Theresa A. Acosta Dr. Cynthia G. Quiambao	6. Classroom Learning Environment at Tarlac State University College of Education
Dr. Felicitas A. Quilondrino	7. State of the Art of Technical Education and Skills Development (TESD) Programs of State Universities and Colleges in Region III
Dr. Julieta M. Lagasca Dr. Ma. Theresa A. Acosta Dr. Alma M. Corpuz	8. Women School Leaders: Striking A Balance Between Career and Family Life
Dr. Leodevina P. Tagama	9. Thinking Styles of BSED COED Students and their Academic Performance
Dr. Niño B. Corpuz	10. Development and Validation of GABAY Sourcebook
Dr. Susan D. Ramirez	11. The Employability Skills of BSBA - Marketing Management Students
Dr. Alma Corpuz	12. Types of Household Waste and Disposal Practices of Residents in a Selected Rural Area in Tarlac
Dr. Alma Corpuz	13. Physicochemical and Bacteriological Analysis of Drinking Water in Public Schools of Tarlac City, Central Luzon, Philippines
Dr. Brendalyn A. Manzano	14. Communication Strategies Employed by Nepalese Learners of English
Dr. Dexter L. Manzano	15. A Monolingual Glossary of Terms Used by Cockfighters in Tarlac City, Philippines
Ms. Enalyn T. Domingo	16. Development of an Energy-Efficient Cook Stove
Engr. Raul D. Canlas	17. Microcontroller Based Wireless Solar Battery Monitoring System and Electrical Load Prioritization For Off Grid Residential Application
Engr. Larry A. Suboc Prof. Arnel A. Punla Ms. Eddie Lynne P. Sevilla	18. Retort of Cultured Mushroom Production
Mr. Don Louie A. Sanvictores Engr. Enalyn T. Domingo Engr. Maan V. Florendo	19. Ultrasonic-Sensor Micro-Controlled Gauging Station Over Wireless Data Network
Prof. Rodel T. Botio - Dr. Socorro D. Valdez Mr. Antonio C. Rosel Prof. Estrella B. Pagco	20. Effect of Inorganic Nitrogen and Liquid Fertilizer with Micronutrients Supplements with Rice Straw on the Growth and Yield of Oyster Mushroom ( <i>Pleurotus spp.</i> )

Dr. Leo P. Piao	21. Short Circuit Analysis for Amacalan Distribution Circuit of Tarelco 1: Basis for an Intervention Program
Dr. Alma M. Corpuz	22. Cases of HIV/AIDS in Tarlac Province, Central Luzon, Philippines from 1984-2016 and the Knowledge and Risk Behaviors of Various Gender Groups
Ms. Jessica Marie I. Dela Peña	23. Pagbuo at Balidasyon ng Diksyunaryong Filipino

### Published Researches

The table below shows the distribution of the internationally-published researches to STEM Journals - 1; and, SOCSCI Journals - 16:

Publication Title	Project/Study Title	Author(s)
Global Society of Scientific Research and Researches	1. Early Childhood Education : A Curriculum Review and Critical Analysis	Dr. Niño B. Corpuz
GMP Press & Printing Co.	2. The Profile and Functions of Vice-Presidents for Administration of State Universities and Colleges in the Philippines : Basis for Policy Inputs	Dr. Myrna Q. Mallari
Contemporary Research Center Publications	3. Assesment of Public School Teacher's Application of Basic ICT Skills in the Workplace	Dr. Glenard T. Madriaga, Prof Redemptor G. Toledano, Engr. Emir Lenard S.F. Sicangco
GMP Press & Printing Co.	4. The Relationship of Supply Chain Management Practices of Micro Enterprises to Competitive Advantage	Dr. Limuel P. Pavico
GMP Press & Printing Co.	5. Needs Assessment of Women Entrepreneurs in the Province of Tarlac: Basis for the Creation of a Business Development Center for Women	Dr. Elizabeth A. Amurao
GMP Press & Printing Co.	6. Spending & Borrowing Practices in the Province of Tarlac	Dr. Jhonel C. Panlilio



# Research outputs, Professional Exposure and Creative Work

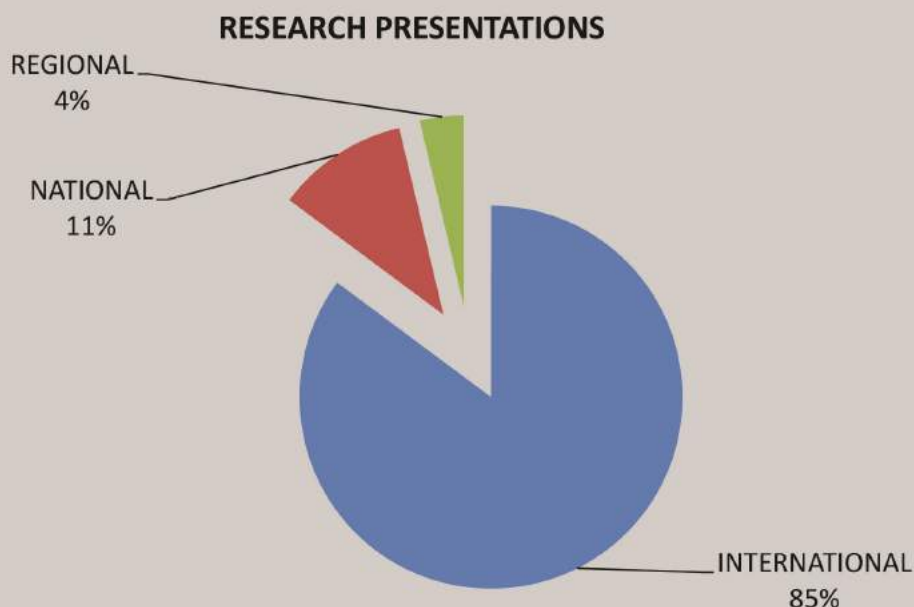
---

GMP Press & Printing Co.	7. Core Competencies for Accountants of BS Accountancy Students of Tarlac State University: Input to Accounting Education	Dr. Henry D. Rufino
GMP Press & Printing Co.	8. Personal Finance Practices of TSU Faculty and Personnel	Dr. Rowena C. Ramos
Asian Life Sciences	9. Motivation and Physical Activity Participation of Filipino College Students	Dr. Jasper Jay Mendoza
	10. Effects of the Different Types of Container on the Characteristics of Sugarcane Vinegar	Dr. Lea B. Milan
	11. Social Competencies, Leadership, Trendsetting and Institution Building Top Management Executives in a Region in Philippines: Implications to Career Success	Dr. Erwin P. Lacanlale
	12. Work Preferences of Senior Business Students of College Business and Accountancy	Dr. Jhonel C. Panlilio
	13. Training Needs of Certified Public Accountants (CPA's), in the Province of Tarlac : Basis for Professional Development Program	Dr. Jhonel C. Panlilio
CRC Publications	14. Common Errors Committed by Freshman Education Students in Their Written English Composition and their Relationship to some Selected Variables	Dr. Violeta S. Alfonso
CRC Publications	15. Managerial Performance of Deans of State Technological Institutions, Region III	Dr. Violeta S. Alfonso
CRC Publications	16. Implementation of Gender and Development Programs of State Universities and Colleges in Region III: An Evaluation	Dr. Rita E. Pulmano
Horizon Research Publishing Co. Ltd.	17. Performance in Basic Mathematics of Indigenous Students	Dr. Lolita V. Sicat



## Research Presentation

The chart below shows the distribution of presented researches in local, regional, national and international conferences as to whether STEM - 5 researches; or, SOCSOCI - 23 researches:



Title of Research Paper	Presenter(s)	Type of Conference
1. ALL OF M.E. (Mathematics Education): The Subject Matter Knowledge of Secondary Mathematics Teacher	Engr. Robert V. Marcos	International
2. Liquefaction Susceptibility Plot of Gerona, Central Luzon Philippines	Engr. Edwin Dela Vega	International
3. Performance of Students in College Retention Examination vis-a-vs General Weighted Average	Dr. Ma. Theresa A. Acosta	National
4. Isang Pagsasalin at Pagsusuri sa mga Piling Maikling Kwento	Ms. Jeannette P. Mendoza	National
5. Development and Validation of an Interactive Computer Aided Instructional Software on Complex Numbers	Engr. Paulo Xavier V. Samson	National
6. Development of a Micro-controlled Hybrid Transfer Switch Powered by Different Electric Power Sources	Engr. Ferdinand L. Marcos, Engr. Enalyn T. Domingo, Engr. Don Louie A. Sanvictores	International
7. Personal Finance of Faculty and Personnel of Tarlac State University	Dr. Rowena C. Ramos	International



# Research outputs, Professional Exposure and Creative Work

---

8. Spending & Borrowing Practices in the Province of Tarlac	Dr. Jhonel C. Panlilio	International
9. The Profile and Functions of Vice Presidents for Administration of State Universities and Colleges in the Philippines: Basis for Policy Inputs	Dr. Myrna Q. Mallari	International
10. Needs Assessment of Women Entrepreneurs in the Province of Tarlac: Basis for the Creation of a Business Development Center for Women	Dr. Elizabeth A. Amurao	International
11. The Recruitment, Selection and Retention Practices of Selected Collegiate Private Schools in Tarlac City	Dr. Limuel P. Pavico	International
12. Core Competencies for Accountants of BS Accountancy Students of Tarlac State University: Input to Accounting Education	Dr. Henry D. Rufino	International
13. Human Capital and Personal Entrepreneurial Competencies as Factors on the Career Success of Micro, Small and Medium Enterprises' Entrepreneurs in the Province of Tarlac	Dr. Elvira Mercado	International
14. Profile and Success of Selected Entrepreneurs in the Municipality of Capas, Tarlac	Dr. Elvira Mercado	International
15. ALL OF M.E. (Mathematics Education): The Subject Matter Knowledge of Secondary Mathematics Teacher	Dr. Robert V. Marcos	International
16. Triumph Over Obstacles: Development and Validation of Adversity Qoutient (AQ) Inventory	Dr. Niño B. Corpuz	International
17. Antibacterial Activity of Some Medicinal Plants Using Discimmobilized Marine Bioluminiscent Bacteria	Dr. Louella F. Ona	International
18. Isolation of Antitubercular Constituents from Tangan - Tangan (Ricinus Communis Linn): The Tarlac City, Philippines Experience	Prof. Evelyn M. Labastilla	International
19. The Professional Competencies of College Teachers of Higher Education Institution in Tarlac Province: An Analysis	Dr. Julieta M. Lagasca	International
20. Financial Management of Small and Medium Enterprises in the City of Tarlac, Philippines: Basis for Enhancing Competitive Advantage	Dr. Myrna Q. Mallari	International

21. Breadth of Productive Vocabulary Knowledge of Pre-Service Teachers Basis for the Proposed Intervention Strategies in Vocabulary Enhancement	Dr. Cecilia Liwanag Calub	International
22. Problems, Needs and Academic Performance of the Expanded Students Grant In Aid Program for Poverty Alleviation (ESG-PA): Basis for Development of Scaffolding Plan	Dr. Elsie M. Canlas	International
23. Bioactive Constituents of <i>Centrosema Pubescens</i> Benth Inhibitory to <i>Culex Quinquefasciatus</i> Larvae	Prof. Erwin C. Mina	Regional
24. Candidate Engineers: An Evaluation of Their Licensure Examination Performance	Engr. Mervin P. Mohammed	International
25. The Profile and Functions of Vice-Presidents for Administration of State Universities and Colleges in the Philippines : Basis for Policy Inputs	Dr. Myrna Q. Mallari	International
26. The Relationship of Supply Chain Management Practices of Micro Enterprises to Competitive Advantage	Dr. Limuel P. Pavico	International
27. Talent Engagement and Leadership Abilities of College Education in SUCs of Region III: Basis of Talent Management Program	Dr. Mellany G. Masangkay	International
28. Competencies and Skills of the Technology and Livelihood Education (TLE) Instructors in Region III: Basis for a Faculty Development Plan	Prof. Rosario Castañeda Salas	National

### Externally-Funded Researches

Below is the table of researches conducted in the University which were funded by external agencies in 2016:

Faculty Researcher/s	Research Titles	Funding Agency	Amount of Grants	Year
Dr. Myrna Q. Mallari, Dr. Glenard T. Madriaga, Dr. Leo P. Piao, Dr. Ma.June S. Carlos, Dr. Edwin T. Caoleng, Dr. Alfred Nonnatus V. Rigor	1. Citizen Satisfaction Index System Pilot Tseting in Municipality of Victoria, Tarlac 2016	Department of the Interior and Local Government (DILG)	200,000	2016



# Research outputs, Professional Exposure and Creative Work

Dr. Myrna Q. Mallari, Dr. Ma. June S. Carlos, Dr. Edwin T. Caoleng, Dr. Alfred Nonnatus V. Rigor	2. 2016 BPLS Field Monitoring and Evaluation/ Validation Survey	Department of Trade and Industry		2016
Dr. Ma. June S. Carlos, Dr. Edwin T. Caoleng, Dr. Alfred Nonnatus V. Rigor	3. Evaluation of the Local Disaster Risk Reduction and Management Offices of the Local Government Units of the Province of Tarlac			2016
Dr. Myrna Q. Mallari, Dr. Ma. June S. Carlos, Dr. Edwin T. Caoleng, Dr. Alfred Nonnatus V. Rigor, Ms. Patricia Ann D. Estrada	4. Influencing Local Governance with Citizen Satisfaction in the Province of Tarlac: Bayanihang Pamamahala at Pakikilahok Pangkaunlaran ng Lalawigan			2016
	5. 2016 BPLS Field Level Monitoring and Evaluation/ Validation Survey (Region 3- Municipality of Gerona)	Department of Trade and Industry		2016

## Research Capacity Building

Below is the table showing the seminars/trainings conducted by the University Research Office in 2016.

Title	Resource Speaker	Date	Number of Participants
Training on Anti-Plagiarism (Turnitin) Software	Mr. Bryan Pagsibigan	February 18, 2016	30
Training on Anti-Plagiarism (Turnitin) Software	Mr. Bryan Pagsibigan	June 01, 2016	30
Capability Building Seminar in Science and Technology Researches	Dr. Julius Ceasar V. Sicat	August 17, 2016	50
Basic Research Ethics Training	Dr. Jaime C. Montoya	August 23-25, 2016	40
2016 Capability Building IN Research Writing, Presentation and Publication and MOA Signing with APCORE	Dr. Matthew A. Eichler	November 22, 2016	60

## In-House Reviews of Completed Researches

### 2016 Mid-Year In-House Review of Completed Researches



R-L: Dir. Redemptor G. Toledano, Dr. Leo P. Piao, Dr. Soledad Roguel, Dr. Felicitas Quilondrino, Dr. Filipinas Bognot, Dr. Wilfredo Sibal, Dr. Glenard T. Madriaga at the closing of the Mid-Year In house Review of researches.

Due to the continuous encouragement of the university to knowledge-building, the University Research Office (URO) held its Mid-Year In-house Review for completed researches last July 15, 2016 at the Training Room, RED Bldg. The said event was a debut In-house review for Director Dr. Leo P. Piao which was organized by the URO staff. Each research was deliberated thoroughly and has gone through eye of the needle, by the panel of experts from the region- Mr. Wilfredo F. Sibal, Dr. Filipinas L. Bognot and Dr. Soledad M. Roguel.



**2016 Year-End In-House Review of Completed Research** Adhering to the mandate of URO for quality researches, the 2016 Year-End In-House Review of completed researches once more held in the Training Room, RED Center, Villa Lucinda Campus of TSU- December 14, 2016. A total of 10 completed researches was presented and assessed by the pool of experts from the region.



# Research outputs, Professional Exposure and Creative Work

## *Basic Research Ethics Seminar*

In pursuit of research and development of the University, through the University Research Office (URO), and spearheaded by Prof. Lucille O. Sunga (head of the ad hoc committee of RERC) and Dr. Alma Corpuz, a 3-day Basic Research Ethics Training was conducted by the Philippine Research Ethics Board (PHREB) last August 23-25, 2016 at the Activity room, RED Bldg. Lucinda campus. Dr. Ricardo M. Manalastas, Jr., MD and Dr. Evangeline Santos, were the expert speakers who attended the seminar workshop and were assisted by Mr. Andronico Lear B. De Guzman.



## *Capability Building Seminar In Science And Technology Researches*

Addressing the University's thrust in research, the University Research Office (TSU-URO) held its Capability Building Seminar on Science and Technology Researches last August 17, 2016, which was attended by the different faculty researchers as well as the President and Vice Presidents of the university.

The 3-hour talk was given by Dr. Julius Caesar Sicat (Regional Director DOST RO3) addressing basic and technical concerns and issues of science-based researchers- from proposal conceptualization to termination and community extension. He also focused on encouraging the audience to do more regional and local-directed researches, promoting solutions to the



everyday concerns of stakeholders, thus, taking part in reaching the national and regional's developmental goals.



2016 Capability Building Seminar in Research Writing at the TSU Main Audio Visual Room



Strengthening the global competitiveness of the University, the URO held a capability-building seminar on research writing, presentation and publication and MOA Signing, dated November 22, 2016 at the TSU Main AVR. Provided the lecture is the representative of the Asia Pacific Consortium of Researchers and Educators (APCoRE), Dr. Matthew A. Eichler.



Participants listen and take pointers from the speaker at the Anti-Plagiarism Seminar

Thru the University Research Office, training on Turnitin, a Plagiarism Detection Software (PDS) was conducted at the Training Room of RED Center, Villa Lucinda Campus, and TSU. The seminar was one of the major steps by the university in addressing ethical concerns in research, specifically on plagiarism. The training was delivered by one of the technical representative LibTech Source Inc. Mr. Bryan Pagsibigan



# Research outputs, Professional Exposure and Creative Work

## Other Activities

### Photos of Research Proposal Colloquia



CGAD Office conducted a "Gender and Development Research, Colloquium," on October 7, 2016 at the RED Center, Lucinda Campus. Dr. Odine Maria De Guzman from UP Diliman served as Chair of the Panel of Critique.



### **Technology Development, Transfer, and Commercialization**

Formerly known as the Production Office, the Technology Development, Transfer, and Commercialization Office (TDTCO) was renamed as such to redefine its role as a independent unit in the University. The office serves as a liaison between the University and external stakeholders in terms of addressing the knowledge and technological needs of various industries and communities through the research and development efforts of faculty members, students, and other researchers. The office is also responsible for obtaining the appropriate protection for every intellectual property being generated by the University through its faculty members and students.

The year 2016 served as a great kick-off period for the office to reintroduce itself to University stakeholders, streamline its services and operations, and gradually accomplish things that would contribute to the University's vision of becoming a premier University in the Asia-Pacific region. What made the past year more victorious for the University is the grant of utility model registration to three outstanding technologies, which are products of the researches of competent faculty members from the College of Engineering and College of Technology. This accomplishment is a first for the University and is also intended to provide a greater motivation among faculty members and students to undertake research and eventually generate new knowledge or come up with industrially applicable inventions and innovations.

### **Utility Model Registration**

The highlight of the TDTCO's accomplishments in 2016 is the registration of three utility models of the University with the Intellectual Property Office of the Philippines (IPOPHL). After having gone through a long process of registration which started in 2015 for two of the three utility models, the University was granted Certificates of Registration as Utility Model for the following technologies:



# Research outputs, Professional Exposure and Creative Work

---

*Title of Utility Model: An Apparatus for Cooking Raw Sugar Such as Muscovado and the Likes*

*Registration Number: 22015000567*

*Registration Date: June 15, 2016*

*College: Technology*

*Inventors: Prof. Arnel A. Punla, Engr. Larry A. Suboc, Mr. John Nelson Y. Punla,  
Ms. Eddie Lynne P. Sevilla*

*Title of Utility Model: A Vibratory Rotary Sifter for Separating Granulated Materials*

*Registration Number: 22015000332*

*Registration Date: June 15, 2016*

*College: Technology*

*Inventors: Prof. Arnel A. Punla, Engr. Larry A. Suboc, Mr. John Nelson Y. Punla,  
Ms. Eddie Lynne P. Sevilla*

*Title of Utility Model: Uninterruptible Power Supply with Switching Arrangement*

*Registration Number: 22016000294*

*Registration Date: June 15, 2016*

*College: Engineering*

*Inventors: Dr. Enalyn T. Domingo, Engr. Ferdinand L. Marcos, Engr. Don Louie A. Sanvictores*



The vibratory rotary sifter developed by faculty researchers from the College of Technology was granted utility model registration on June 15, 2016.



The uninterruptible power supply developed by faculty researchers from the College of Engineering was also granted utility model registration on June 15, 2016.



### Trademark Registration

As a pilot project on trademarks, the TDTCO spearheaded the application of three of the University's trademarks, namely, the word marks "Tarlac State University," and "TSU" and the University seal. The applications of the marks were filed on November 25, 2016. The examination process generally takes several months but may sometimes last for a year or so, provided that no issues arise from the examination. The marks are expected to be registered within 2017.

### Copyright Deposit

The TDTCO deposited printed manuscripts of nine completed faculty researches to the National Library of the Philippines. As stipulated in the intellectual property policy of the University, the ownership of the copyright of the said manuscripts belongs to the University.

### Continuing Education

As part of its campaign to introduce the office and its services, the TDTCO had organized various seminars both for faculty members and students:

Title of Seminar	Date/s
S.I.L.I.P.: Students' Introductory Lectures on IP	October 25 – November 9, 2016
Basic Intellectual Property Awareness for Faculty Members	October 27, 2016
IP Awareness Seminar for Industrial Engineering	November 18, 2016



# Research outputs, Professional Exposure and Creative Work

---



An IP lecture was conducted with CCS capstone project students on November 2, 2016.



The Basic IP Awareness Seminar for faculty members was conducted on October 27, 2016 as part of the University's celebration of the IP Rights Week



An IP Awareness Seminar was conducted among Industrial Engineering students on November 18, 2016 with the primary goal of encouraging feasibility study students to come up with innovative research proposals

## Other Accomplishments

As part of its continual improvement, the TDTCO revised the TDTCO Manual. The manual was approved by the Board of Regents on November 22, 2016 under Resolution No. 85 series of 2016.

For the first time in the University's history, TSU commemorated the IP Rights Week through various faculty and student activities organized by the TDTCO. The line-up of activities included the launching of the official University marks, IP seminars for faculty students, and students' poster making and essay writing competitions.

In order to enhance the capability of the TDTCO personnel in fulfilling the functions of the office, the Director and staff attended various seminars, conferences, and planning sessions organized by IPOPHL and other organizations.



## Gender and Development

Seminars conducted within the University

Title of Activity	Speaker	Date	Participants	Number of Participants
Gender Sensitivity Orientation	Dr. Rita E. Pulmano	January 18, 2016	National Service Training Program Faculty	35
HIV AIDS Awareness Seminar	Dr. Rommel Hernandez	January 29, 2016	College of Science Students	129
Gender Sensitivity Orientation	Dr. Rita E. Pulmano/ Engr. Michelle Rivera	February 13, 2016	College of Education Students	304
Gender Sensitivity Orientation	Engr. Michelle Rivera	February 16, 2016	College of Students	132
Gender Sensitivity Orientation	Engr. Michelle Rivera	March 5, 2016	National Service Training Program Students	201
Gender Sensitivity Orientation	Engr. Michelle Rivera	March 7, 2016	National Service Training Program Students	200
Teenage Reproductive Health Seminar	Prof. Lucila Sunga	March 7, 2016	College of Business and Accountancy College of Arts and Social Sciences, College of Public Administration Students	217
RA 7877: Anti-Sexual Harassment Seminar	Prof. Winifredo Luis	March 11, 2016	College of Science Students	93
RA 7877: Anti-Sexual Harassment Seminar	Prof. Winifredo Luis	March 22, 2016	Students Leaders	108
HIV AIDS Awareness Seminar	Dr. Rommel Hernandez	March 28, 2016	College of Engineering Students	110
Gender Sensitivity Orientation	Dr. Rita E. Pulmano	April 25, 2016	Civil Security Unit	48
RA 7877: Anti-Sexual Harassment Seminar	Atty. Marlon Baldovino	May 16, 2016	College of Engineering Students	85



# Research outputs, Professional Exposure and Creative Work

---

Gender Sensitivity Orientation	Engr Michelle Rivera	May 16, 2016	National Service Training Program Students	85
Seminar on RA 9710: Magna Carta of Women	Dr. Rita E. Pulmano	May 27-29, 2016	Tarlac State University Faculty and Personnel Union	133
Gender Sensitivity Orientation	Dr. Rita E. Pulmano	June 12-13, 2016	Non-academic Staff Association	127
Salamat Doc Seminar	Dr. June Masagca	June 17, 2016	Tarlac State University Employees	52
RA 9262: Anti-Violence Against Women Seminar	Prof. Winifredo Luis	July 9, 2016	College of Education Students	136
Incorporating Gender Message to Curriculum: Faculty Team Building	Dr. Rita E. Pulmano	September 10, 2016	College of Education Faculty	110
Gender Sensitivity Orientation	Engr. Michelle Rivera	October 12, 2016	College of Education Students	110
Seminar on RA 9710: Magna Carta of Women	Ms. Suzanne Cruz	October 12, 2016	College of Education STUDENTS	50
RA 9262: Anti-Violence Against Women Seminar	Mr. Winifredo Luis	November 29, 2016	College of Technology and College of Computer Studies Students	144

## Seminars conducted within the University

Seminar/Activity	Speaker	Date	Participants	Number of Participants
GAD Plan and Budgeting	Dr. Rita Pulmano	March 29-30, 2016	Provincial Planning and Development Office Provincial Government of Tarlac	40
Gender Sensitivity Orientation	Dr. Rita E. Pulmano	September 26, 2016	Provincial Government of Tarlac Employees	130

GAD Key Concepts and Gender Sensitivity Seminar/ Workshop	Dr. Rita E. Pulmano	September 28, 2016	National Food Authority Employees	72
Gender Sensitivity Orientation of the Provincial Government of Tarlac	Dr. Rita E. Pulmano	October 18-19, 2016	Provincial Government of Tarlac Employees (Social Workers)	224
RA 9262: Violence Against Women and Children Seminar	Dr. Rita E. Pulmano	November 28, 2016	National Food Authority Employees	62
GAD Code of Tarlac Province Review and Overview of New Guidelines	Dr. Rita E. Pulmano	December 12, 2016	Provincial Government of Tarlac Officials and Employees	75
Gender Sensitivity Orientation and GAD Concepts Seminar	Ms. Suzanne P. Cruz	December 21, 2016	Department of Education Teachers Camiling West Central Elem. School	30
GAD Mainstreaming and Gender Sensitivity Orientation	Dr. Rita E. Pulmano	December 27, 2016	Municipality of Gerona Officials	47

Center for Gender and Development (CGAD) spearheaded the University-wide program concerning the institutional linkage with HWPL on May 13, 2016 (Friday) for the orientation about its subsidiaries – the International Women Peace Group (IWPG) and International Youth Peace Group (IYPG). The HWPL guests also discussed the implementation of Signature Campaign and other related activities in support of the Declaration of Peace and Termination of War. Said program was attended by both Faculty members and Non-Teaching members.







# Services to the Community









# Services to the Community

## University Extension Services Office

The University is on a roll when it comes to its extension activities, sustaining its momentum and meeting all targets that were set forth during the previous year. This is all linked to our goal to be the leader in community development. This 2016, the Extension Services Office was able to deliver its commitments in line with its four (4) major programs namely, Community Development (ComDev) Program, Industry Development Extension (InDEx) Program, Extension Support Services Program (ESSP), and Professional Development Services (PDS) Program along with other projects and activities on its portfolio.

### Community Development (ComDev) Program

For 2016, the Extension Services Office through the leadership of College of Education, College of Science, and College of Technology maintained partnerships with four (4) barangays enrolled under the ComDev Program. Various interventions in the form of skills training, knowledge transfer activities, continuing education, and professional assistance were given to partner barangays.

The activities conducted were the following:

Dumarais, La Paz, Tarlac	<p>Conducted 2 Skills Training on: Meat Processing and Squash Pastillas and Candy Making</p> <p>Conducted 11 Knowledge Transfer Activities on: Kasanayan sa Pag-unawa; Masarap Magbasa; Strategies and Management in Dealing with Bullying; Stress Management; Home Crafts and Recycling Technique; Energy Conservation; Bantayan ang Kalusugan; Sakit ay Maiiwasan, Climate Change Mitigation; Medicinal Plants on Pots; Proper Waste Management; and Oplan Sagip Kalikasan- Bakuran ko Linis ko</p> <p>Conducted 8 Continuing Education Activities on: How to have a Good Action Research; Internationalization of Education and OBE in the classroom; Good Governance; Innovative and Creative Teaching; Ortograpiya sa Pahayagan; Proper Accents and Stage Dramatization; An Effective Mother Tongue Mentor; and Gender Sensitivity</p>
Balanti, Tarlac City	Conducted 1 Professional Assistance on Mural Painting for Balanti Elementary School
San Jose, Gerona, Tarlac	<p>Conducted a Focus Group Discussion with Barangay Stakeholders last April 25, 2016</p> <p>The barangay site development plan and school site development plan were already finished and were already handed over</p>
Sula, San Jose, Tarlac	Conducted 1 Skills Training on Mushroom Production, 1 Professional Assistance on the 3rd Dizon Cup 2016 Basketball Tournament and 1 Continuing Education Activity on Good Governance Towards Community Empowerment

### **Industry Development Extension (InDEx) Program**

TSU recognizes the contributions of micro, small and medium (MSMEs) enterprises as driving forces in the economic development of the country and the generation of countryside employment. Through the InDEx Program, forty five (45) firms were assisted with consultancy services/technical assistance in the form of Good Manufacturing Practices training, Quality Assurance in food manufacturing, and business feasibility for expansion.

In terms of Product Promotion and Label Design (PPLD), there were a total of eight (8) labels that were produced (4 labels for T2JP Muscovado products with the assistance of College of Technology and 4 labels for Rhia's Dessert for All Seasons).

#### *Partnership with DTI (SME Roving Academy and Mentor ME Program)*

The partnership DTI and TSU-ESO through the SME Roving Academy and Mentor ME Program provided learning modules, coaching and mentorship for the development of MSMEs to become competitive in the domestic and international markets.

*The following are the firms assisted under the DTI SME Roving Academy Program:*

- Mr. Nemencio Calara Calamansi Juice Processing
- MN Villanueva Beverages
- Amucao Seed Growers, Tarlac City
- Bea's Home Made Peanut Butter
- Forlales Bakeshop
- Capas Tinapa
- Lany's Home Made Products
- Imperari Food Products
- Ralo's Traditional Pampango Cakes

*The following are the firms assisted under the DTI Mentor ME Program*

- Potter's Hand Processed Foods
- Tillers Multipurpose Cooperative
- HRTC Food ventures
- NL Calara Calamansi Farm
- MN Villanueva Enterprises
- Aling Saling Home Products
- Ross Hrothgar Agri Venture
- Capaz Active Women's Association Inc.
- Go Sago
- Yadao Food Products
- CNG Food Products
- Danilia Wines
- Daytaos Native Cakes
- Dueg Upland Farmers Marketing Cooperative
- Fhers Pasalubong
- Good Earth Farms and Foods
- Guadez Delicacies
- Health and Development for All Foundation
- Plates and Dishes Home Bakery and Cookery
- Labor of Love Food Products



# Services to the Community

## **Extension Support Services Program (ESSP)**

Skills Trainings, Knowledge Transfer and Professional Assistance form part of ESSP accomplishments for this year. Based on available data, the following were accomplished:  
In terms of Skills Trainings,

No. of Skills Trainings	5
No. of Trainees	138
Total No. of Faculty Involved in the conduct of extension activity	9

The five (5) skills training were on: Mushroom Production, Meat Processing, Squash Pastillas and Candy Making, Fruits and Vegetable Processing, and Veggie Noodle Making.

In terms of Knowledge Transfer,

No. of Knowledge Transfer Activities	16
No. of Trainees	534
Total No. of Faculty Involved in the conduct of extension activity	20

The sixteen (16) knowledge transfer activities were on the topics of education, stress management, energy conservation, climate change mitigation, personal branding and marketing, and health practices among others.

In terms of Professional Assistance,

No. of Professional Assistance	7
Total No. of Faculty Involved in the conduct of extension activity	6

The seven (7) professional assistance given to partners were on the topics of sports officiating, technical assistance on establishing a central kitchen, CCTV and LAN installation, among others.

## **Professional Development Services (PDS) Program**

The Professional Development & Consultancy Services (PDCS) is the arm of the University tasked to plan, design and implement trainings, seminars, workshops and conferences for professionals in the academia, local government units and the industry while it aims to strengthen goodwill and enhance productivity of TSU. By this mandate, PDCS was able to partner and tie-up with various institutions and provided a total of sixty-eight (68) Continuing Education activities. The participants were DepEd teachers of Tarlac City, Municipal Social Workers, Police Officers of PNP Tarlac Provincial Office, Cooperative Members from Agrarian Reform Beneficiaries Organization of Hacienda Luisita, among others.

In summary, here are the details of the Continuing Education activities:

No. of Continuing Education Activities	68
No. of Trainees	2,451
Total No. of Faculty Involved in the conduct of extension activity	50

### ***Institutional Private/Public Sector Partnership Program***

The Extension Services Office maintained/forged partnership with the following Government Agencies, Private Individuals/Organizations, and Non-Government Organizations:

- Climate Change Commission
- DOST-Tarlac
- DAR-Tarlac
- PNP-Tarlac Provincial Office
- DTI
- TESDA
- DSWD
- LGU of Anao
- Provincial Government of Tarlac
- OWWA-III
- T2JPMuscovado
- Earl's Meat Products
- San Jose, Gerona, Tarlac
- Sula, San Jose, Tarlac
- Dumarais, La Paz, Tarlac
- Balanti, Tarlac City

### ***Special Programs/Projects***

#### *Student Extension Experience Program (SEE Program)*

UESO acknowledges the contribution of youth organizations in extension services. The Christian Brotherhood International – TSU for one, spearheaded a “Summer Pre-kindergarten Program” at Brgy. Amacalan, Tarlac last May 2, 2016 and an Outreach Program at Tarlac Provincial Jail last May 7, 2016.

#### *Social Action on Relief and Rehabilitation Assistance Program for Victims of Calamities (SARAP Tumulong Program)*

The Sustainable Livelihood through Rent-to-Own Trisikad Project which was a joint undertaking of Northern Iloilo Polytechnic State College – Victorino Salcedo Campus (NIPSC-VSC) and TSU under the SARAP Tumulong Program has awarded additional eight (8) “Trisikad” units to beneficiaries for the 2nd Phase of the project. The turn-over ceremonies was held last April 21, 2016 at NIPSC-VSC Sara, Iloilo. The project currently has twenty-eight (28) beneficiaries for both Phase 1 and Phase 2. “Trisikad” is a combination of the two words, tri and sikad; “Tri” refers to the number of wheels that this vehicle has and “sikad” means to kick in the local language. It is one of the primary means of transportation in Sara, Iloilo.



# Services to the Community

## *Agrarian Reform Community Connectivity and Economic Support Services (ARCESS) Project Phase II*

Through the continued and successful partnership of the Department of Agrarian Reform Provincial Office Tarlac and the Extension Services Office of TSU, a second phase of the ARCESS project commenced right after the first phase. The covered ARBOs are still the five (5) ARBOs in Hacienda Luisita namely Asturias, Bantog, Mabilog, Motrico, and Pando. There were two (2) components of the Project namely, Agricultural Extension Services and Business Development Services. The following are the notable accomplishments in the two components:

### **1. Agricultural Extension Services (AES)**

- a. Conducted a roll out training on Rice Production for all ARBOs last July 4, 2016 following all the seminars and trainings that were done on the first phase of the project
- b. Conducted a Seminar on Good Manufacturing Practices for Barangays Mabilog and Motrico in line with their engagement with an Institutional Buyer as part of the DAR-CRS partnership
- c. A total of 15 coaching and mentoring sessions were conducted that discussed various topics on farm production and management
- d. Produced Manuals on Vegetable Production and Orchard Establishment plus its accompanying Techno-Guides on the various crops such as Pole Sitao, Eggplant, Ampalaya, Squash, etc.

### **2. Business Development Services (BDS)**

- a. Conducted Pre-Membership Education Seminar (PMES) last April 5, 2016 at TSU Villa Lucinda Campus and last May 5, 2016 at Brgy. Bantog, Tarlac
- b. Roll out Training on Bookkeeping and Accounting last July 1, 2016 at TSU Villa Lucinda
- c. Basic Competency Training for Cooperatives (with the following topics: Bookkeeping and Accounting for Cooperative, Internal Control System for Cooperative, Conflict Management, Personal Entrepreneurial Competencies, Leadership and Governance for Cooperative) last December 5-6, 2016 at Cozy Place, Rosales, Pangasinan
- d. Assisted all 5 ARBOs in the preparation of their Cooperative application documents to Cooperative Development Authority (CDA) that led to 1 approved ARBO application (Motrico) and 4 others under processing of the CDA.

### **Other Accomplishments**

#### *Shared Service Facility (SSF) for Toll Packaging Project*

Last May 12, 2016, DTI-Tarlac together with TSU-ESO launched the Shared Service Facility (SSF) for Toll Packaging Project. DTI-Tarlac entrusted 3 machines to TSU namely: Vacuum Packaging Machine, Kettle Pasteurizer Machine, and Form, Fill, and Seal Machine. These machines will be made available to MSMEs that will be needing assistance.





### *ISO 9001:2008 transition to ISO 9001:2015 version*

A successful ISO 9001:2008 transition to ISO 9001:2015 version took place in line with the University's Integrated Management System certification last August 5, 2016. An initial audit for the 2015 version compliance will be done early 2017 by SGS Philippines for the Extension Services Office.

### *College Extension Chairpersons and Department Extension Coordinators Planning, Capacity Building, and Meetings*

As part of the continuous coordination and monitoring of extension activities, the 2nd Quarter Meeting of College Extension Chairpersons was held last May 10, 2016 and attended by all college representatives.

The UESO also conducted a pre-planning activity last September 22-23, 2016 in Rosales, Pangasinan for the College Extension Chairpersons and Department Extension Coordinators, focusing on the targets for the following year. This was done in line with the Pre-planning Session of Offices under the Vice President for Research and Extension.

### *College Extension Forum (CEF)*

The College Extension Forum is a capacity building activity that is geared towards packaging of each college's ComDev Program in response to the challenge of quality and outcomes-based extension. The following agenda items were discussed in the activity: college extension performance in 2015 (baseline), validation/confirmation of commitments for 2016, updates on extension policies and procedures, among others. The CEF was held in each college's chosen venue and were conducted in the months of February and March 2016.



**Dr. Glenard T. Madriaga delivers his message in front of the beneficiaries of Sustainable Livelihood through Rent-to-Own Trisikad Project Phase 2 , with typhoon yolanda victims as beneficiaries, in partnership with Northern Iloilo Polytechnic State College, Victorino Salcedo Campus. The project currently has twenty-eight (28) beneficiaries for both Phase 1 and Phase 2 which is funded thru the Social Action on Relief and Rehabilitation Assistance to Victims and Calamities (SARAP Tumulong) Program of the University.**



# Services to the Community



A beneficiary receiving his Trisikad.



Group photo of NIPSC-VSC officials and staff, Sustainable Livelihood through Rent-to-Own Trisikad Project beneficiaries, together with Dr. Glenard T. Madriaga and Dir. Redemptor G. Toledano

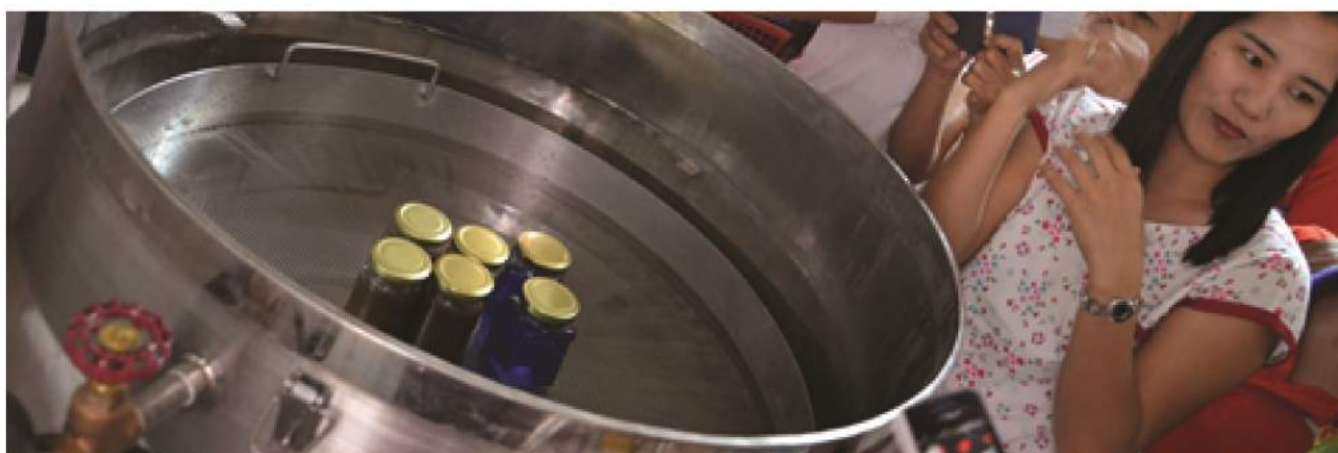


DTI-Tarlac together with TSU-ESO launched the Shared Service Facility (SSF) for Toll Packaging Project last May 12, 2016. DTI-Tarlac entrusted 3 machines to TSU namely: Vacuum Packaging Machine, Kettle Pasteurizer Machine, and Form, Fill, and Seal Machine.

Launching of the TSU-DTI Shared Service Facilities (SSF) for MSME's of Tarlac at the RED Center, TSU Lucinda Campus on May 12, 2016.



The Vacuum Packaging Machine



The Kettle Pasteurizer Machine



The Form, Fill, and Seal Machine



# Services to the Community

---



The Pre-Membership and Education Seminar (PMES) was conducted last May 5, 2016 to give chance to members who were not able to attend the first scheduled PMES for the ARBOs. The PMES is a requirement for organizations planning to become cooperatives. This was attended by the 5 ARBO barangays namely: Asturias, Bantog, Mabilog, Motrico, and Pando.



The 2nd Quarter Meeting of College Extension Chairpersons (CECs) was held last May 10, 2016. Some of the highlights include: reiteration of each college targets, updates on their ComDev activities, and introduction of Dr. Agnes Ladia as part of the UESO and as Program Chairperson on Professional Development.



Last April 15, 2016, the General Assembly of Coral Pando Pag-asa ng Magsasaka Association, Inc. was held with coaching and mentoring support from the TSU-DAR ARCESS Team. Topics such as their financial standing with Landbank, conversion of the association into cooperative, and the mechanics for focus farm were discussed.





Last July 4, 2016, representatives from all the Agrarian Reform Beneficiaries Organization (ARBOs) under the TSU-DAR ARCCCESS Project attended the roll-out training for Rice Production and Bookkeeping and Accounting held at the TSU Hotel, Lucinda Campus. Mr. Noel C. Regis served as the resource person on rice production.



Dr. Alejandro Medrano, the Project Leader for Business Development Services (BDS) component of the project, served as the resource person on bookkeeping and accounting.



Some students from the College of Business and Accountancy were also present during the GA as they ran a survey instrument in line with the feasibility study that they were preparing for the ARBO. The feasibility study is about a micro business that the ARBO will be pursuing in the future.



# Services to the Community

A seminar & a coaching and mentoring session was held last July 8, 2018 at Brgy. Motrico, La Paz, Tarlac for the Motrico Farmer Beneficiaries Association, Inc. members who are into vegetable growing and interested in planting in their backyard.



Dir. Redemptor G. Toledano served as the resource speaker for the Seminar & Coaching and Mentoring Session on Backyard Gardening.



Dr. Lea B. Milan shared her knowledge and expertise on the subject of Good Manufacturing Practices (GMP) with ARBO members of Hacienda Luisita last July 14, 2016 at DAR Provincial Office, Tarlac City. The Seminar on Good Manufacturing Practices (GMP) was in line with the plan of the ARBOs to engage with a prospective institutional buyer.





A pre-planning workshop for the offices under the VP for Research and Extension Services was held last September 22-23, 2016 at Cozy Place Resort, Rosales, Pangasinan.



All the colleges were given the chance to present their development plans in the plenary session. Seen here is Ms. Lea Matias of the College of Science



Dr. Lea B. Milan facilitated the College Extension Forum (CEF) on the College of Business and Accountancy



The participants from the College of Engineering as they listen intently to Dr. Glenard T. Madriaga during the College Extension Forum





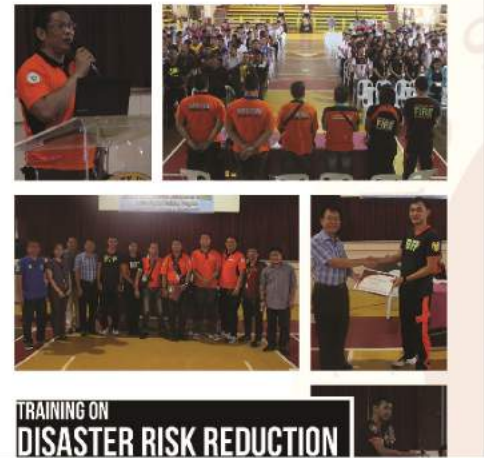
28TH BIENNIAL LAUDEATE SERVICES



# The Year in Pictures



INTEGRATED MANAGEMENT SYSTEM (IMS) CERTIFICATION August 5, 2016



TRAINING ON DISASTER RISK REDUCTION



BACHELOR OF SCIENCE IN ARCHITECTURE UNDERGOES







The Year in Pictures



COLLEGE OF EDUCATION  
**CENTER OF DEVELOPMENT  
IN TEACHER EDUCATION**  
THANKSGIVING CELEBRATION  
June 16, 2016

IMPLEMENTATION OF  
**5S SEMINAR**  
IN THE UNIVERSITY  
August 8, 2016



COLLEGE OF TECHNOLOGY,  
COLLEGE OF ENGINEERING UNDERGO



The Year in Pictures



CAPACITY BUILDING SEMINAR IN  
**SCIENCE AND TECHNOLOGY  
RESEARCHES**  
August 17, 2016



**BLOODLETTING ACTIVITY**  
September 16, 2016



COLLEGE OF TECHNOLOGY,  
COLLEGE OF ENGINEERING UNDERGO



The Year in Pictures



**100TH FOUNDING  
ANNIVERSARY**



**NEURO-  
LINGUISTIC  
PROGRAMMING**  
December 9, 2016



**SEMINAR ON REVISED RULES ON**



# The Year in Pictures







# 28TH BACCALAUREATE SERVICES

June 3, 2016



# The Year in Pictures







**COLLEGE OF EDUCATION  
CENTER OF DEVELOPMENT  
IN TEACHER EDUCATION  
THANKSGIVING CELEBRATION**

June 16, 2016





# The Year in Pictures

## IMPLEMENTATION OF 5S SEMINAR IN THE UNIVERSITY

August 8, 2016





# COLLEGE OF TECHNOLOGY, COLLEGE OF ENGINEERING UNDERGO ACCREDITATION SURVEY VISIT

August 18-19, 2016



# The Year in Pictures



## INTEGRATED MANAGEMENT SYSTEM (IMS) CERTIFICATION

August 5, 2016









# The Year in Pictures



## TRAINING ON DISASTER RISK REDUCTION MANAGEMENT AND FIRE FIGHTING

August 30, 2016





# CAPABILITY BUILDING SEMINAR IN SCIENCE AND TECHNOLOGY RESEARCHES

August 17, 2016





# The Year in Pictures



## **BLOODLETTING ACTIVITY**

September 16, 2016







# BACHELOR OF SCIENCE IN ARCHITECTURE UNDERGOES 3RD SURVEY REVISIT

September 20-22, 2016





# The Year in Pictures



**TEACHER'S MONTH  
CELEBRATION**  
"TEACHER'S TAKE A HAND,  
OPEN A MIND AND TEACHES A HEART"  
October 28, 2016





# FORUM ON PUBLIC SECTOR UNIONISM WITH EMPHASIS ON COLLECTIVE NEGOTIATION AGREEMENT

October 28, 2016





# The Year in Pictures







**100<sup>TH</sup> FOUNDING  
ANNIVERSARY**  
**“TSU KEEP UP! LEVEL UP! EXCELLENCE HAS  
NO FINISH LINE!”**

October 10-13, 2016





# The Year in Pictures

## NEURO-LINGUISTIC PROGRAMMING

December 9, 2016







# SEMINAR ON REVISED RULES ON ADMINISTRATIVE CASES IN THE CIVIL SERVICE

November 16, 2016





# The Year in Pictures

## CAPABILITY BUILDING SEMINAR IN RESEARCH WRITING, PRESENTATION AND PUBLICATION AND MOA SIGNING WITH APCORE

November 22, 2016





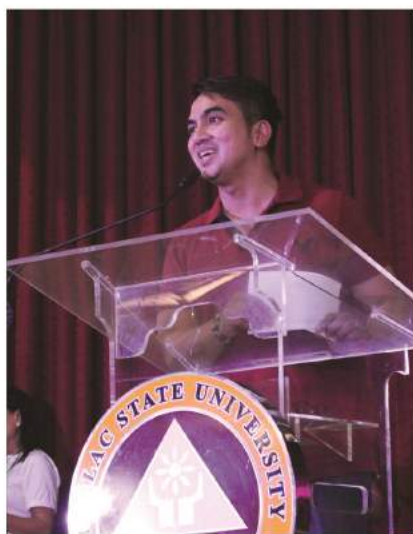


# BFP TRAINS THE STUDENTS AND PERSONNEL ON FIREFIGHTING

November 7, 2016



# The Year in Pictures



## TSU GRADUATES TOP THE 2016 LICENSURE EXAMS

December 9, 2016





# YEUNGJIN COLLEGE STUDENTS FINISH ENGLISH LANGUAGE PROFICIENCY PROGRAM

December 9, 2016





# The Year in Pictures



## TSU JOINS SCU FAR III

December 20-22, 2016







# PGT-TPNO CONDUCTS BASIC BAKING AND PASTRY MAKING, BASIC VEGGIE NOODLE MAKING

December 22, 2016

