

**USTP**  
Southern

UNIVERSITY OF  
SCIENCE AND TECHNOLOGY  
OF SOUTHERN PHILIPPINES

Alubijid | Cagayan de Oro | Claveria | Jasaan | Oroquieta | Panaon



UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES

# SEMI-ANNUAL REPORT

# 2019

JANUARY - JUNE



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# About USTP

Vision and Mission

Institutional Recognitions

Board of Regents

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# Vision

A nationally-recognized S&T University providing the vital link between education and the economy

*Usa ka unibersidad sa syensya ug teknolohiya nga gi-ila sa nasud nga maoy tulay nga modugtong sa edukasyon ngadto sa ekonomiya*

# Mission

- Bring the world of work (industry) into the actual higher education and training of students;
- Offer entrepreneurs the opportunity to maximize their business potentials through a gamut of services from product conceptualization to commercialization; and
- Contribute significantly to the National Development Goals of food security and energy sufficiency through technology solutions.

.....

- *Pagsangkap sa ti-unay nga kasinatian sa buhat diha sa pagtuon ug sa pagbansay sa mga estudyante.*
- *Pagtanyag sa mga negosyante ug kahigayonan pagpalambo sa ilang negosyo ginamit ang kaalam nga gitudlo sa Unibersidad, gikan sa pagmugna sa negosyo hangtud sa pagpamaligya sa produkto.*
- *Pagtampo pinaagi sa teknologia ngadto sa Nasudnong Tingusbawan alang sa kabuhong sa pagkaon ug sa elektrisidad.*

# Institutional Recognitions

**Leading SUC**  
(One of the 19)

**Level IV SUC**

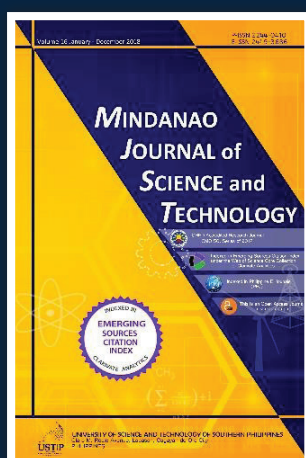
**CHED CENTER OF  
EXCELLENCE (COE)  
IN INFORMATION TECHNOLOGY**  
per CHED Memo Order No. 38, Series 2015

*The only Institution in Mindanao  
awarded with such recognition.*

**CHED CENTER OF  
DEVELOPMENT (COD)  
IN AGRICULTURE**  
per CHED Memo Order No. 38, Series 2015

**CHED CENTER OF  
DEVELOPMENT (COD)  
IN MATHEMATICS**  
per CHED Memo Order No. 38, Series 2015

**CHED CENTER OF  
DEVELOPMENT (COD)  
IN ELECTRICAL ENGINEERING**  
per CHED Memo Order No. 37, Series 2015



## MJST Listed In The Asean Citation Index (ACI) Database

The Mindanao Journal of Science and Technology (MJST) is listed in the ASEAN Citation Index (ACI) database, along with 46 other Philippine journals. This means that research articles published in the MJST can now be accessed through the ACI. This is especially helpful for persons in research since there is now a higher probability of increasing the journal's citation count.

The inclusion in the ACI is just another addition to MJST's achievements. The journal has already been recognized by the CHED as a grantee of its Journal Incubation Program (JIP). It is also listed in the Emerging Sources Citation Index (ESCI) under Web of Science Core Collections of Clarivate Analytics, an international indexing database.



**USTP CAGAYAN DE ORO**

# **TOP 2 PERFORMING SCHOOL**

**IN MECHANICAL ENGINEERING**

September 2017 Mechanical Engineer Licensure Examination



**USTP CAGAYAN DE ORO**

## **OUTSTANDING ACCOUNTING OFFICE**



In due recognition of the quality, timeliness and accuracy of its financial reports, the Commission on Audit has chosen the USTP Cagayan de Oro Accounting Office as one of the Most Outstanding Accounting Offices in 2014 and 2016 awarded by the Association of Government Accountants of the Philippines (AGAP), Inc.

- 2011 & 2012 - COA rendered a clean or unqualified audit opinion on fairness of presentation of financial statements
- 2014 - Chosen as one of the Most Outstanding Accounting Offices by the Association of Government Accountants of the Phil (AGAP)
- 2016 Chosen as one of the Most Outstanding Accounting Offices by the AGAP
- 2016 - COA rendered a clean or unqualified audit opinion on fairness of presentation of financial statements to USTP-CDO



# CHED-DHEI

The University has been recognized by the Commission on Higher Education (CHED) as a Delivering Higher Education Institution of programs for Graduate Scholarships under the K to 12 Transition Program per CHED Memorandum Order No. 10 and No. 23 Series of 2016.

CHED-Delivering Higher Education Institution in the following programs:

## **USTP Cagayan de Oro**

- Ph.D. Mathematical Sciences, major in Mathematical Education
- Ph.D. in Science Education, major in Chemistry
- Ph.D. in Mathematical Sciences, major in Applied Mathematical Sciences
- MS in Applied Mathematical Sciences
- MS in Environmental Science and Technology, major in Natural Sciences
- MS in Teaching Mathematics
- MS in Teaching Physical Sciences (Physics)
- MS in Science Education (Chemistry)
- Master of Engineering Program (Electrical Engineering)
- Master of Engineering Program (Mechanical Engineering)
- Master of Engineering Program (Civil Engineering)
- Master of Information Technology

## **USTP Claveria**

- Ph.D. in Animal Science
- Ph.D. in Crop Science
- MS Agriculture with specialization in Animal Science and Crop Science



## **Seal of Good Implementation Institutional Award**

*USTP Cagayan de Oro was awarded the Seal of Good Implementation Institutional Award by the Commission on Higher Education in recognition of its achievement of 80.9% (163 of 204) of ESGP-PA grantees who graduated on April 2016. Out of 40 SUCs in the entire Philippines, only 8 were given such award with 2 SUCs coming from Mindanao.*

# BOARD OF REGENTS

## CHAIRPERSON



**Hon. Ronald L. Adamat, Ph.D. P.D.**  
*Commissioner, Commission on  
Higher Education(CHED)*

## VICE CHAIRPERSON



**Hon. Rosalito A. Quirino, Ph.D.**  
*OIC University President, USTP  
Chancellor USTP Claveria*

## MEMBERS



**Hon. Ruth G. Cabahug, DTE**  
*Chancellor, USTP Cagayan de Oro*



**Hon. Francis "Chiz" G. Escudero**  
*Chairperson, Senate Committee on  
Education, Culture and Arts*



**Hon. Paolo Everardo S. Javier**  
*Chairperson, Committee on Higher  
and Technical Education House of  
Representatives*

## *Represented by*



**Hon. Oscar S. Moreno**  
*City Mayor, Cagayan de Oro City*

## *Represented by*



**Hon. Maximo B. Rodriguez, Jr.**  
*Congressman, District 2,  
Cagayan de Oro City*





**Hon. Ernesto M. Pernia**  
*Socio-Economic Planning Secretary  
 and Director-General National  
 Economic and Development Authority*



**Hon. Fortunato L. Dela Peña, CESO I**  
*Secretary, Department of Science and  
 Technology*

***Represented by***



**Hon. Mylah Faye Aurora B. Cariño, CESO III**  
*Regional Director, NEDA X*

***Represented by***



**Hon. Alfonso P. Alamban**  
*Regional Director, DOST X*



**Hon. Fritzie Beringuel-Salado**  
*President  
 Federation of Faculty Associations*



**Hon. Jason Jay C. Dalman**  
*President  
 Federation of Alumni Associations*



**Hon. Ian Felix T. Ramirez**  
*President, Federation of Student  
 Supreme Council*

## EXECUTIVE COMMITTEE



**Hon. Rosalito A. Quirino, Ph.D.**  
*OIC University President, USTP/  
Chancellor USTP Claveria*



**Dr. Ruth G. Cabahug**  
*Chancellor, USTP Cagayan de Oro*



**Atty. Jonathan S. Oche**  
*Vice President For  
Administration And Legal Affairs*



**Ms. Vanessa V. Ascaño, CPA, MPA**  
*Vice President For Finance,  
Planning And Development*



**Dr. Maria Elena L. Paulma**  
*Vice President For  
Academic Affairs*



**Dr. Consorcio S. Namoco Jr.**  
*Vice Chancellor for  
Academic and Student Affairs  
(USTP Cagayan de Oro)*



**Prof. Vima Socorro J. Tandog**  
*Vice Chancellor for Finance and  
Administration  
(USTP Cagayan de Oro)*



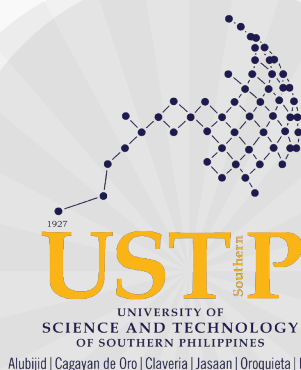
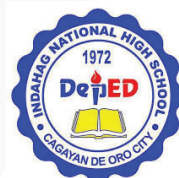
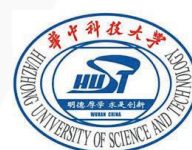
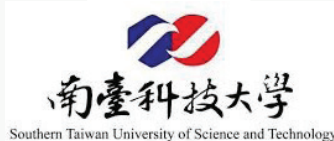
**Dr. Ambrosio B. Cultura II**  
*Vice Chancellor for  
Research and Innovation  
(USTP Cagayan de Oro)*



**Dr. Greg M. Cubio**  
*Vice Chancellor for  
Academic Affairs  
(USTP Claveria)*



**Prof. Colbert G. Rabaya**  
*Executive Dean  
(Clustered Campuses)*



## INTERNATIONAL AND LOCAL COLLABORATIONS





# COURSE OFFERINGS

## USTP CAGAYAN DE ORO

### ADVANCED EDUCATION PROGRAM

Ph. D. in Educational Planning and Management  
 Ph. D. in Mathematical Sciences (Applied Mathematics)  
 Ph. D. in Mathematical Sciences (Mathematics Education)  
 Doctor in Technology Education  
 Ph.D. in Science Education - Chemistry  
 MS / Ph.D. in Science Education - Chemistry (Straight Program)  
 Master of Engineering Program (Electrical Engineering)  
 Master of Engineering Program (Civil Engineering)  
 Master of Engineering Program (Mechanical Engineering)  
 Master of Science in Electrical Engineering  
 Master of Science in Sustainable Development, Major in Urban Planning & Sustainable Development  
 Master in Information Technology  
 Master in Technician Teacher Education  
 Master in Educational Planning Management  
 Master in Public Administration  
 Master of Arts in Teaching English as Second Language  
 Master of Arts in Teaching Special Education  
 MS in Science Education-Chemistry  
 MS in Environmental Science and Technology  
 MS in Applied Mathematical Sciences  
 MS in Teaching Mathematics  
 Master of Science in Teaching Physical Sciences (Physics)  
 Master of Science in Technology Communication Management  
 Professional Science Masters in Power Systems Engineering & Management

### HIGHER EDUCATION PROGRAM

Bachelor of Science in Architecture  
 Bachelor of Science in Civil Engineering  
 Bachelor of Science in Electronics Engineering  
 Bachelor of Science in Electrical Engineering  
 Bachelor of Science in Mechanical Engineering  
 Bachelor of Science in Computer Engineering  
 Bachelor of Science in Data Science\*  
 Bachelor of Science in Information Technology  
 Bachelor of Science in Technology Communication Management  
 (1) Bachelor of Science in Applied Physics  
 Bachelor of Science in Applied Mathematics  
 Bachelor of Science in Chemistry  
 (2) Bachelor of Science in Environmental Science  
*Majors: Environmental Management and Technology  
 Natural Resource Management*  
 (3) Bachelor of Science in Food Technology  
 Bachelor of Science in Auto-Mechanical Technology (4th year only)  
*Majors: Automotive Technology Mechanical Technology*  
 Bachelor of Science in Autotronics  
 Bachelor of Science in Electronics & Communications Technology (3rd & 4th year only)  
 (4) Bachelor of Science in Electronics Technology  
*Majors: Electronics Systems Telecommunications &  
 Networks Multimedia System Technology*  
 Bachelor of Science in Electrical & Technology Management (4th year only)  
 (5) Bachelor of Science in Energy Systems and Management  
*Majors: Electrical Machine Control & Maintenance  
 Power System Distribution with Eco-design*  
 \* Bachelor of Science in Electro-Mechanical Technology  
*Major in Mechatronics & Robotics*  
 \* Bachelor of Science in Manufacturing Engineering Technology  
*Major in Mechanical Design & Fabrication*  
 Bachelor of Secondary Education Major in Mathematics (4th year only)  
 (6) Bachelor of Science in Mathematics Education

Bachelor of Secondary Education Major in Physical Sciences (4th year only)  
 (7) Bachelor of Science in Science Education  
 Bachelor of Secondary in Education Major in Technology and Livelihood Education (4th year only)  
 Bachelor of Technology and Livelihood Education 8  
*Majors: Home Economics Industrial Arts*  
 Bachelor of Technical Teacher Education

### \*NEW PROGRAM

(1) New program name of BS Applied Physical Sciences  
 (2) New Program name of BS Environmental Science & Technology  
 (3) New Program name of BS Food Science & Technology  
 (4) New Program name of BS Electronics & Communications Technology  
 (5) New Program name of BS Electrical and Technology Management  
 (6) New Program name of BSEd Major in Mathematics  
 (7) New Program name of BSEd Major in Physical Sciences  
 (8) New Program name of BSEd Major in Technology and Livelihood Education

### POST BACCALAUREATE

Certificate of Teaching

## USTP CLAVERIA

BS in Environmental Engineering  
 Bachelor of Agricultural Technology  
 Bachelor of Science in Agroforestry  
 Bachelor of Technology in Horticulture Management  
 Bachelor of in Food Processing and Technology  
 Bachelor of Science in Agriculture  
*Majors: Animal Science, Dairy Science, Crop Agricultural Education, Entrepreneurship*  
 Master of Science in Agriculture  
 Doctor of Philosophy in Animal Science  
 Doctor of Philosophy in Crop Science  
 Diploma in Agricultural Technology (Three-year ladderized course leading to BAT)  
 Certificate of Agriculture Science leading to BSA  
 Dairy Herd Managerial Course (1 year)  
 Dairy Farm Technology Course (2 years)  
 Dairy Farm Management  
 6-month Training for Dairy Farm Assistanship

## USTP JASAAN

Bachelor of Science in Electrical Systems and Management  
 Bachelor of Science in Manufacturing Engineering Technology  
 Bachelor of Science in Information Technology

## USTP OROQUIETA

Bachelor of Technology and Livelihood Education  
 Bachelor of Science in Information Technology

## USTP PANAON

Bachelor of Technology and Livelihood Education  
 Bachelor of Science in Information Technology  
 Bachelor of Science in Marine Biology

# USTP Campuses

## **USTP Cagayan de Oro**

CM Recto Avenue, Lapanan  
Cagayan de Oro City,  
Philippines  
Tel: +63.88.856.1738 Local 168



## **USTP Claveria**

Magsaysay Street, Poblacion,  
Claveria 9004 Misamis  
Oriental, Philippines  
Tel: +63.09176261298



## **USTP Jasaan**

Katipunan Street.  
Upper Jasaan, Jasaan,  
9003 Misamis Oriental,  
Philippines



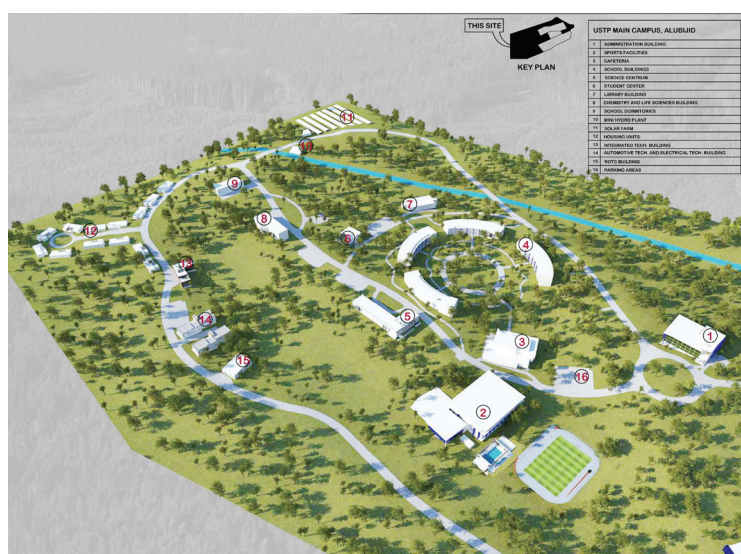




**USTP Panaon**  
Punta, Panaon, Misamis  
Occidental, Philippines



**USTP Oroquieta**  
Mobod, Oroquieta City,  
Misamis Occidental



**USTP Main Campus and  
Mindanao Techno Park**  
(soon to rise)  
Alubijid, Misamis Oriental  
Philippines



# Advancing Teaching and Learning

Graduates

Enrollment

Licensure Exams

Accreditation

Academic Trainings

Student Awards and Recognition

Academic Collaborations

## USTP Cagayan de Oro



The theme for this year's commencement exercises was "Charting the Path of Excellence Towards a Discovery and Innovation University." This defines the caliber of the University's graduates, which are young people with an innovative spirit and trained to be active participants in the scientific and technological fields within emerging and growing industries in Mindanao. The commencement exercises were divided into two sessions: the morning session was for the senior high school and CSTE graduates; the afternoon session was for the graduates of CITC, CEA, CSM and CT.

Guest speaker Atty. Yadao-Sison, OIC-Office of the Executive Director, UNIFAST Secretariat, gave her commencement address in the morning. In her address, Atty. Carmelita P. Yadao-Sison, MNSA, PhD, CESE congratulated the students and told them that the graduation was the culmination of their challenges during their college years, but ultimately a rewarding journey. "In time, all the good that you do will pay off," she reminded the graduates.

Dr. Rafaelita M. Aldaba, Undersecretary of the Department of Trade and Industry, delivered her commencement address on competitiveness and innovation in the afternoon. She had the opportunity to talk to five student leaders, including Supreme Student Council (SSC) President Anouck Josh Tan, on the evening prior to the graduation ceremony. It was through the sharing that she gained insight into the thoughts, dreams, plans and fears of the millennials. She assured students that they have been prepared enough by the University, and that many industries are waiting for them already. "Whichever [field] you decide; I believe USTP has prepared all of you to be productive members of society."

The graduation ceremony saw a total of 2495 students, receiving their awards from the Chancellor of USTP-CDO, Dr. Ruth G. Cabahug, and OIC University President Dr. Rosalito A. Quirino. Both two sessions of the commencement exercises were presided by Dr. Herbert Glenn P. Reyes, Presidential Assistant for External Affairs.

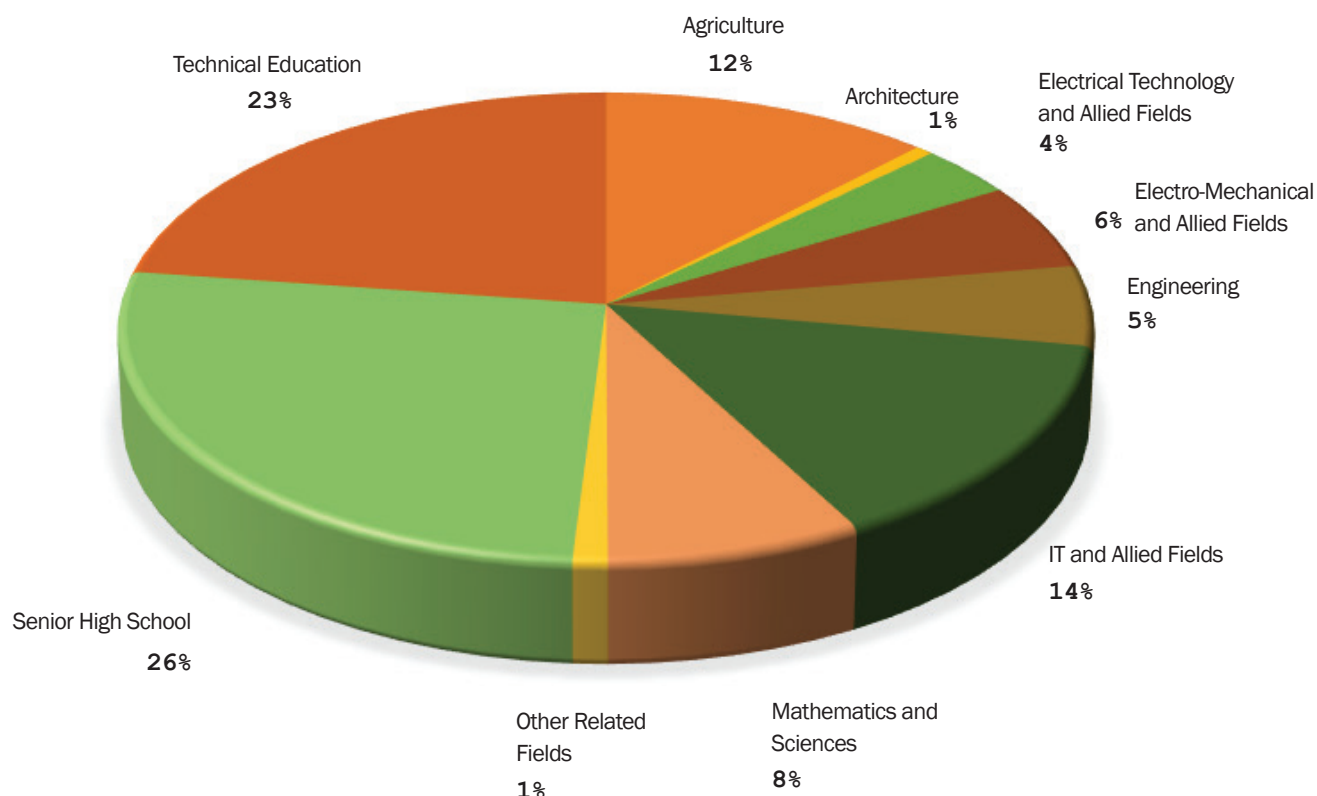
## USTP Claveria



USTP Claveria 33rd  
Commencement Exercises  
April 11, 2019  
Theme: "Ensuring Food  
Security through Innovation"  
Guest of Honor and Speaker: Dir.  
Carlene C. Collado, Department of  
Agriculture Region-X

## Graduates

SY 2018-2019



### List of Graduates for SY 2018-2019

Campus/Program	SY 2018-2019
• Cagayan de Oro	
<b>Undergraduate</b>	
BS Architecture	24
BS Civil Engineering	72
BS Electronics Engineering	30
BS Mechanical Engineering	33
BS Electrical Engineering	33
BS Computer Engineering	74
BS Information Technology	227
BS Technology Communication Management	182
BS Applied Mathematics	9
BS Applied Physical Sciences	12
BS Chemistry	15
BS Environmental Science Technology	89
BS Food Science and Technology	80
BS Automotive Mechanical Technology	35
BS Electronics Communications Technology	52



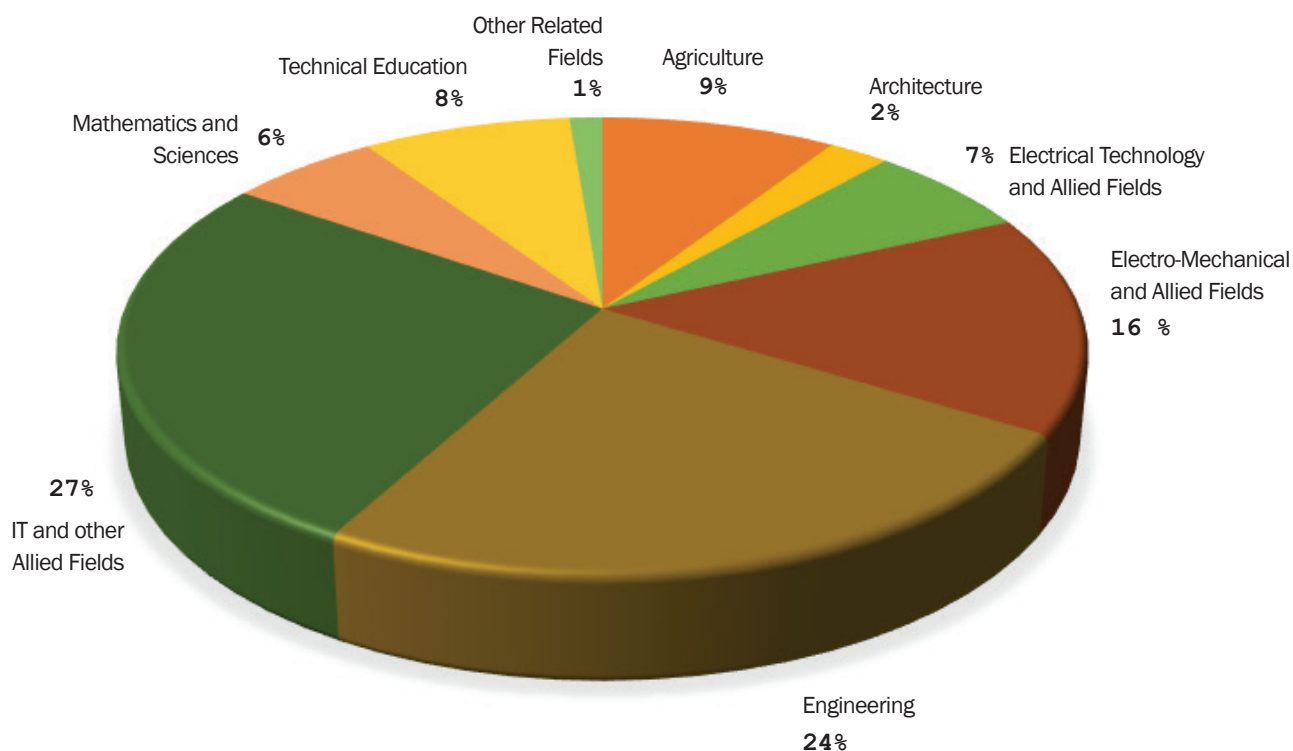
Campus/Program	SY 2018-2019
BS Electro Mechanical Technology	125
BS Electrical Technology Management	77
Bachelor of Secondary Education major in Mathematics	70
Bachelor of Secondary Education major in Physical Science	45
Bachelor of Secondary Education major in Technology and Livelihood Education	302
Bachelor of Elementary Education major in Special Education	149
Bachelor of Technical Teacher Education	14
Certificate of Teaching	21
Senior High School	674
<b>Post Graduate</b>	
PhD in Mathematical Sciences major in Mathematics Education	4
PhD in Educational Planning and Management	4
PhD in Science Education major in Chemistry	2
Doctor in Technology Education	3
MA in Teaching English as a Second Language	1
Master in Educational Planning and Management	1
MS in Science Education major in Chemistry	3
MS in Teaching Mathematics	4
Master in Public Administration	13
Master in Technician Teacher Education	4
MA in Teaching Special Education	5
MS in Applied Mathematical Sciences	1
Master of Engineering Program in Mechanical Engineering	4
Master of Engineering Program in Electrical Engineering	1
MS in Sustainable Development	1
<b>Total, Cagayan de Oro</b>	<b>2,495</b>
• Claveria	
<b>Undergraduate</b>	
BS Environmental Engineering	29
Bachelor of Food Technology	26
Bachelor of Technology in Horticulture Management	20
BS Agroforestry	14
BS Agriculture	116
Bachelor of Agricultural Technology	63
Dairy Farm Assistantship	145
Diploma in Agricultural Technology	7
Certificate of Agriculture Science	64
Senior High School	180
Post-Graduate	
MS in Agriculture (Animal Science/Crop Science)	12
PhD in Agriculture (Animal Science/Crop Science)	4
<b>Total, Claveria</b>	<b>680</b>

Campus/Program	SY 2018-2019
• Jasaan	
<b>Undergraduate</b>	
BS Electrical Technology and Management	54
BS Auto-Mechanical Technology	7
BS Information Technology	42
Senior High School	110
<b>Total, Jasaan</b>	<b>213</b>
• Oroquieta	
<b>Undergraduate</b>	
Bachelor of Secondary Education major in Technology ang Livelihood Education	129
<b>Total, Oroquieta</b>	<b>129</b>
• Panaon	
<b>Undergraduate</b>	
BS Marine Biology	72
Bachelor of Secondary Education Major in Technology and Livelihood Education	83
<b>Total, Panaon</b>	<b>155</b>
<b>GRAND TOTAL</b>	<b>3,672</b>

## Higher and Advanced Education

### Enrollment

Summer, SY 2018-2019



### List of Enrollment for SY 2018-2019

Campus/Program	SY 2018-2019 (Summer)
• Cagayan de Oro	
<b>Undergraduate</b>	
BS Architecture	93
BS Civil Engineering	444
BS Electronics Engineering	124
BS Electrical Engineering	141
BS Mechanical Engineering	157
BS Computer Engineering	186
BS Information Technology	297
BS Data Science (new program)	8
BS Technology Communication Management	317
BS Applied Mathematics	20
BS Applied Physics (revised)	18
BS Chemistry	37
BS Environmental Science (revised)	81
BS Food Technology (revised)	50

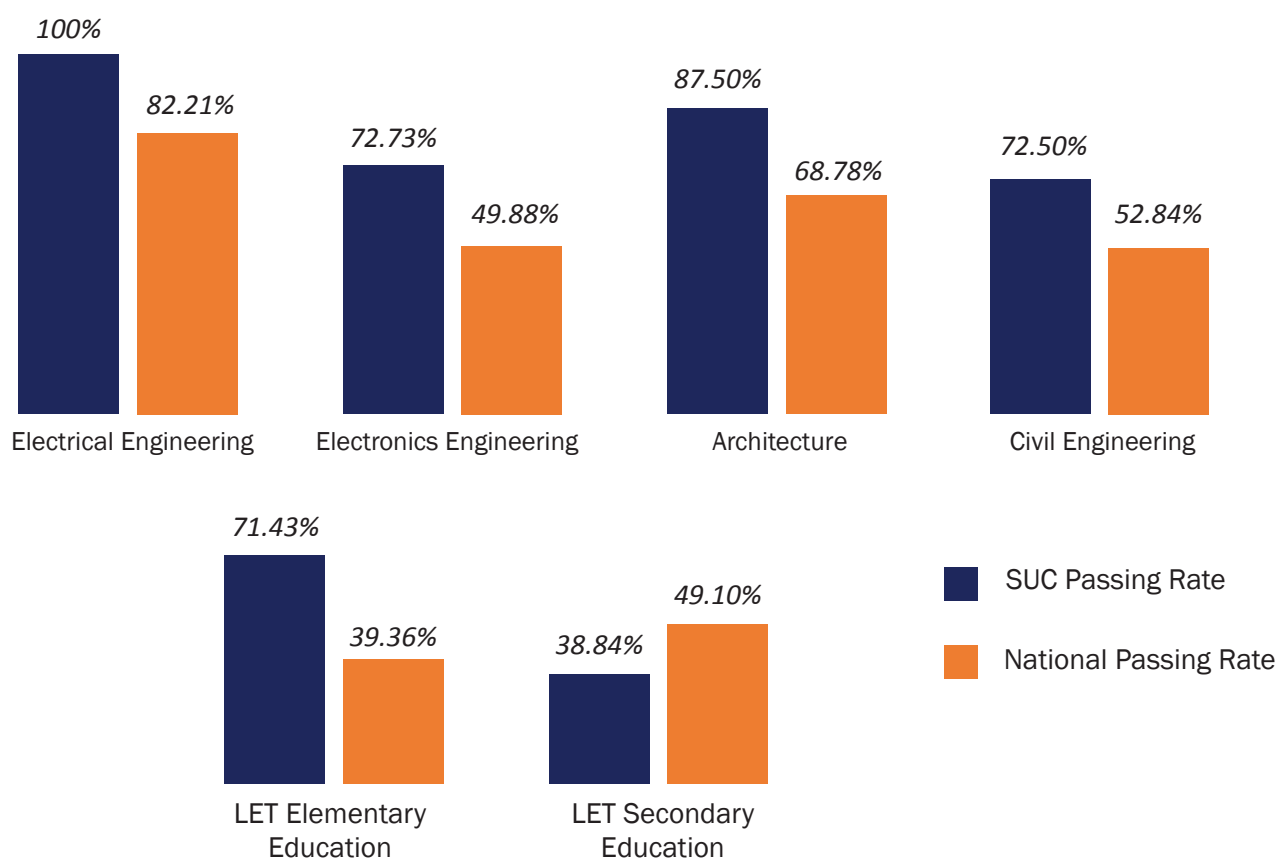


Campus/Program	SY 2018-2019 (Summer)
BS Automotive Mechanical Technology	23
BS Electronics Communications Technology	44
BS Electro-Mechanical Technology	373
BS Electrical Technology Management	93
BS Autotronics (new program)	21
BS Electronics Technology (new program)	139
BS Energy Systems and Management (new program)	66
BS Manufacturing Engineering Technology (new program)	0
BS Mathematics Education (revised)	35
BS Science Education (revised)	4
Bachelor of Technology and Livelihood Education (revised)	34
Bachelor of Elementary Education major in Special Education	15
Bachelor of Technical Teacher Education	36
Certificate of Teaching	16
<b>Post Graduate</b>	
MS in Environmental Science and Technology	3
Master of Engineering in Civil Engineering	1
Master in Information Technology	13
PhD in Mathematical Sciences major in Applied Mathematics	14
PhD in Educational Planning and Management	11
Master of Engineering in Mechanical Engineering	5
Master of Engineering Program	6
Professional Science Master in Power System Engineering & Management	3
MS in Technology Communication Management	7
MS in Applied Mathematical Sciences	13
PhD in Mathematical Sciences major in Mathematics Education	24
PhD in Science Education (Chemistry)	5
MA in Educational Planning and Management	8
MA in Teaching English as Second Language	5
MS in Teaching Mathematics	40
MS in Teaching Physics	7
MS in Science Education	26
MA in Teaching Special Education	13
Master in Technician Teacher Education	33
<b>Total, Cagayan de Oro</b>	<b>3,109</b>
• Claveria	
<b>Undergraduate</b>	
Bachelor of Technology in Horticulture Management	4
BS Agroforestry	5
BS Agriculture	291
Bachelor of Agricultural Technology	22
BS Environmental Engineering	67

Campus/Program	SY 2018-2019 (Summer)
<b>Post Graduate</b>	
MS in Agriculture (Animal Science/Crop Science)	28
PhD Agriculture (Animal Science/Crop Science)	9
<b>Total, Claveria</b>	<b>426</b>
• Jasaan	
<b>Undergraduate</b>	
BS Electrical Technology and Management	53
BS Manufacturing Engineering Technology	16
BS Auto-Mechanical Technology	7
BS Information Technology	38
BS Energy Systems and Management	29
<b>Total, Jasaan</b>	<b>143</b>
• Oroquieta	
<b>Undergraduate</b>	
BS Information Technology	88
Bachelor of Secondary Education major in Technology and Livelihood Education	6
<b>Total, Oroquieta</b>	<b>94</b>
• Panaon	
<b>Undergraduate</b>	
BS Information Technology	82
BS Marine Biology	40
Bachelor of Secondary Education Major in Technology and Livelihood Education	6
<b>Total, Panaon</b>	<b>128</b>
<b>GRAND TOTAL</b>	<b>3,900</b>



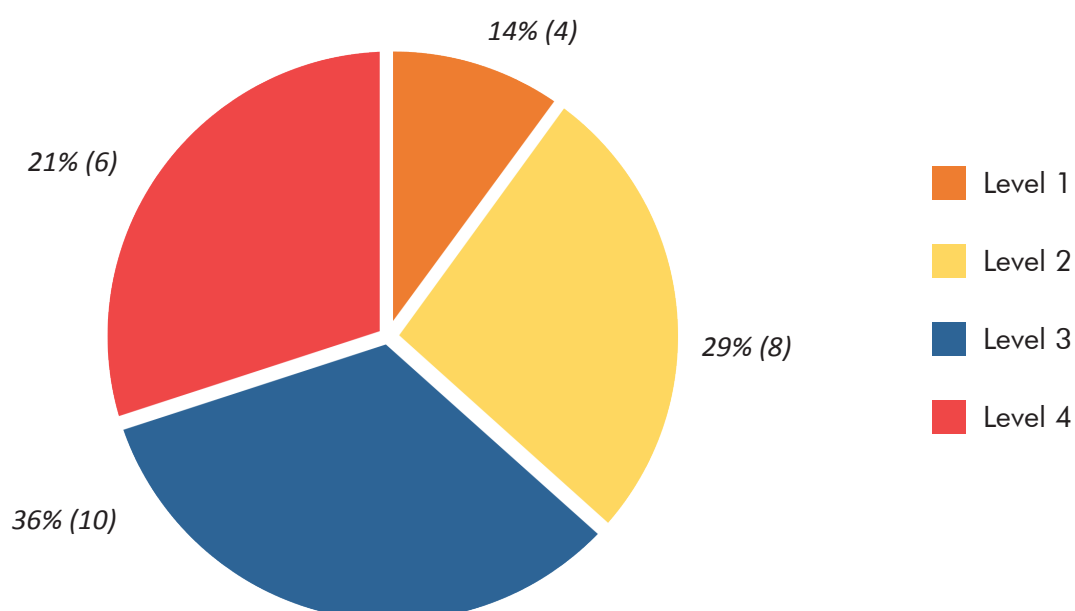
### Licensure Examination



### Accreditation

Accreditation status of undergraduate programs of the University as of second quarter of 2019 shows that at least 86% of the accredited programs are Level 2. Meanwhile, 74% of the graduate programs are accredited on the same level.

### Undergraduate Programs

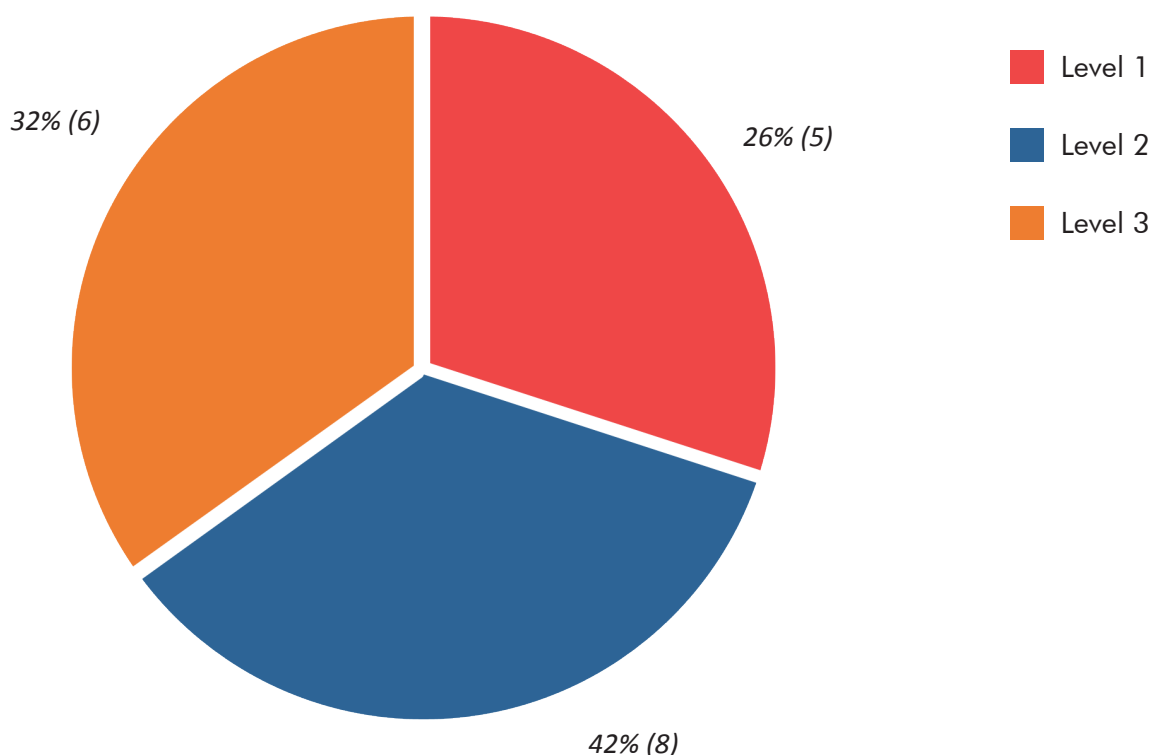


### Undergraduate Programs

Program	Level	Validity
• Cagayan de Oro		
BS in Chemistry	L2	Oct 01, 2015 - Sept 30, 2019
BS in Applied Mathematics	L3, P2	Sept 01, 2017 - Aug 31, 2021
BS in Applied Physical Sciences	L3, P2	Sept 01, 2017 - Aug 31, 2021
BS in Food Science and Technology	L4, P2	Nov 2018 - Oct 2019
BS in Environmental Science and Technology	L2	Oct 01, 2015 - Sept 30, 2019
BS in Technology Communication Management	L2	Dec 01, 2016 - Nov 30, 2020
BS in Information Technology	L4, P2	Nov 2018 - Oct 2019
BS in Computer Engineering	L3, P2	Nov 01, 2016 - Oct 31, 2020
BS in Electro-Mechanical Technology	L2	Oct 01, 2015 - Sept 30, 2019
BS in Architecture	L2	Oct 01, 2015 - Sept 30, 2019
BS in Civil Engineering	L3, P2	Nov 01, 2016 - Oct 31, 2020
BS in Electrical Engineering	L4, P2	Nov 2018 - Oct 2019
BS in Mechanical Engineering	L4, P2	Nov 2018 - Oct 2019
BS in Electronics Engineering	L4, P2	Nov 2018 - Oct 2019
Bachelor of Technical Teacher Education	L4, P2	Jan 01, 2018 - Dec 31, 2021
Bachelor of Elementary Education major in Special Education	L2	Dec 01, 2016 - Nov 30, 2020
Bachelor of Elementary Education major in Technology and Livelihood Education	L1	Sept 16, 2016 - Sept 15, 2019
Bachelor in Secondary Education major in Physical Sciences	L2	Dec 01, 2016 - Nov 30, 2020
Bachelor in Secondary Education major in Mathematics	L2	Dec 01, 2016 - Nov 30, 2020
• Claveria		
BS Agriculture	L3, P1	Nov 2018-Oct 2019
Bachelor in Agricultural Technology	L3	Aug 2016-July 2020
BS Agroforestry	L3, P1	Nov 2018-Oct 2019
Bachelor of Technology in Horticulture Management	L3, P1	Nov 2018- Oct 2019
BS Environmental Engineering	L3, P1	Nov 2018- Oct 2019
Bachelor of Food Technology	L2, P1	Sept 01, 2018- Aug 31, 2019
• Jasaan		
BS Information Technology	L1	Sept 16, 2016 - Sept 15, 2019
BS in Electrical Technology Management	L1	Sept 16, 2016 - Sept 15, 2019
• Panaon		
BS in Marine Biology	L1	Sept 16, 2016 - Sept 15, 2019



### Post Graduate Programs



### Graduate Programs

Program	Level	Validity
Graduate		
• Cagayan de Oro		
Master in Arts in Teaching Special Education	L1	Oct 01, 2017 - Sept 30, 2020
Master in Educational Planning and Management	L3, P2	Nov 01, 2016 - Oct 31, 2020
Master in Engineering Program	L2	Dec 01, 2016 - Nov 30, 2020
Master in Information Technology	L1	Sept 16, 2016 - Sept 15, 2019
Master in Public Administration	L1	Oct 01, 2017 - Sept 30, 2020
Master in Technician Teacher Education	L3, P2	Nov 01, 2016 - Oct 31, 2020
Master of Arts in Teaching English as Second Language	L1	Sept 16, 2016 - Sept 15, 2019
MS in Applied Mathematical Sciences	L3, P2	Sept 01, 2017 - Aug 31, 2021
MS in Environmental Science and Technology	L2	Dec 01, 2016 - Nov 30, 2020
MS in Science Education major in Chemistry	L2	Dec 01, 2016 - Nov 30, 2020
MS in Teaching Mathematics	L3, P2	Nov 01, 2016 - Oct 31, 2020
MS in Teaching Physical Sciences - Physics	L2	Oct 01, 2015 - Sept 30, 2019
MS in Technology Communication Management	L2	Dec 01, 2016 - Nov 30, 2020

Program	Level	Validity
PhD in Educational Planning and Management	L3, P2	Nov 01, 2016 - Oct31, 2020
PhD in Mathematical Science major in Applied Mathematics	L2	Dec 01, 2016 - Nov 30, 2020
PhD in Mathematical Science major in Mathematics Education	L3, P2	Nov 2018 - Oct 2019
PhD in Science Education major in Chemistry	L2	Dec 01, 2016 - Nov 30, 2020
PhD in Science Education major in Chemistry	L2	Dec 01, 2016 - Nov 30, 2020
• Claveria		
MS Agriculture	L2	Oct 01, 2017- Sept 30, 2021
Doctor of Philosophy in Crop Science	L1	Sept 01, 2018 - Aug 31, 2021

### Advancing CDIO Training

The 4-day training started on March 25, 2019. It involved 4 phases, namely: Mapping, Enhancing, Innovating, and Sustaining. This training aimed to equip the participants with vital knowledge and skills on the CDIO frameworks and pedagogies. The training was participated by 112 faculty and heads coming from different State Universities and Colleges (SUCs) in the Philippines. The Advancing CDIO training was designed to have lectures and active workshops and was designed to make the participants experience the CDIO way of learning.



Engr. Rojien V. Morcilla with heads and Executives of Temasek Foundation and Singapore Polytechnic International.



### Electricians' Forum

The electricians' forum was conducted by the IIEE in partnership with USTP Electrical Engineering Department during their 22nd Northern Mindanao Regional Conference (NMRC) at USTP CDO Audio and Visual Room. The topics discussed were: Electricity Metering, How to Become a Registered Master Electrician (RME) and Role of RME's in the Field of Electrical Practice. The said forum was approved by PRC with a CPD Points of four (4) credit units. Over 50 practicing electricians and students attended the event.



## Academic Trainings Conducted and Attended



### Academe Forum

The ACADEME forum was conducted during the 22nd IIEE Northern Mindanao Regional Conference at 6th floor Performing Arts Theater (PAT), USTP Complex on March 14, 2019 with the theme “IEE @ 44: Distinctive Journey in Advancing Global Competitiveness” in partnership with IIEE CDO Chapter and USTP Electrical Engineering Department.

This activity aims to provide the participants the vital knowledge on the New Electrical Engineering Curriculum as well as informing the Electrical Engineers in the academe on the importance of actual practice in providing Outcomes Based Education to Electrical Engineering students. The forum was held at the ITB AVR of USTP CDO with the attendance of various faculty from Universities with Electrical Engineering Program in Northern Mindanao. During the event, prestigious speakers from CHED, Academe, and Board of Electrical Engineering shared their knowledge on the following topic about “Curriculum for Electrical Engineering Program” by Engr. Desiderio R. Apag III, Education Supervisor II Of CHED Regional Office 10, “New Mentoring EE Educators Towards PEE” by Rojien V. Morcilla, MOE, PEE, Chairman, Electrical Engineering Department of the University of Science And Technology of Southern Philippines, and “EE Roadmap” By Francis V. Mapile, P.E.E., F.I.E.E., A.C.P.E., Chairman, Professional Regulatory Board of Electrical Engineering, Professional Regulation Commission.

### Sprint Series: Design Thinking Workshop



CDO b.i.t.e.s. organized the program titled “Startup Series: Design Thinking Workshop” on April 17, 2019 at the Open Makerspace, 4th Floor, LRC Building, USTP-CDO, which was mainly facilitated by its Research Assistant, Constantino Brasileño. TBI Manager Shoraliah Macalbe opened and closed the program even though the workshop setting was informal.

The said workshop kicked off with an Info Dev on CDO b.i.t.e.s. to give its attendees an overview of the TBI and the important roles of startups in several sectors including Cagayan de Oro City,

to help young minds create their own startups. The workshop also included a think process that taught the attendees what a business model canvass is and how it's made to correspond with the actual business needs, and a share or pitching session to teach them how to effectively immerse an audience or potential investors to convince them about their products and services. Various interactive activities were also incorporated to apply what the participants learned.

### **IP Foundation & Startup Awareness Seminar**

CDO b.i.t.e.s. along with USTP's Innovation and Technology Support Office (ITSO) co-organized an event entitled "Intellectual Property Foundation and Startup Awareness Seminar" on May 10, 2019 at the Open Makerspace, 4th Floor, LRCH Building, USTP-CDO. The said event was attended by several members of the University's faculty and staff with speakers from Metro Manila. It was also a preliminary activity aligned with the upcoming ITSO's event entitled "Patent Search and Patent Drafting Writeshop".



### **Information, Education and Communication (IEC) Campaign On Electric Power Industry**



A seminar/lecture entitled "Information, Education and Communication (IEC) Campaign on Electric Power Industry" by an expert from the Department of Energy was conducted last March 7, 2019 at the USTP Cagayan de Oro. Leading the participants was the Dean of the College of Engineering and Architecture, Dr. Lory Liza D. Bulay-og. She was joined by the electrical and mechanical engineering faculty members and students.



### **Energy Research Workshop**

The Center for Research in Energy Systems and Technologies (CREST) of the University of San Carlos under CHED Newton Fund Institutional Links Project, conducted its 1 last June 3-5, 2019 at Talambas Campus, Cebu City. It was attended by Engr. Rojien V. Morcilla, OIC-Dean of College of Engineering and Architecture.



## Academic Trainings Conducted and Attended



### Synopsys Training On Cloud-Based Synthesis Using Design Compiler and Icc Block Level Implementation

To address the demand for more integrated circuit (IC) designers in the Philippines, a series of trainings on Analog and Digital IC design was conducted. One of the series of trainings was the cloud-based synthesis and block-level implementation for digital IC design. This 1-week training focused on the post-design of digital, Application-Specific Integrated Circuits (ASIC). The training was participated by 11 schools from different regions of Mindanao including USTP-CDO. Two faculty members, Engr. Ace Virgil Villaruz from the Electronics Engineering Department of the College of Engineering and Architecture and Engr. Aileen A. Sieras from the Computer Engineering Department of the College of Information Technology and Computing participated the training which was held at the Microelectronics Laboratory of Mindanao State University - Iligan Institute of Technology (MSU-IIT).

### Quantum Information Technology Convention (QITC)

Quantum Information Technology Convention (QITC) is one premier Mindanao-wide IT convention with the theme : “Emerging Technologies: Rippling Boundless Possibilities” organized by students of the College of Computer Studies of Xavier University – Ateneo de Cagayan on Feb. 1 -3, 2019. QITC has the goal to gather IT enthusiasts, IT professionals , students and entrepreneurs and to request for a partnership with LI SER Robotics. Engr. Diogenes Armando Pascua , faculty under Electronics Engineering department was invited as a guest speaker at 11th Quantum Information Technology Convention (QITC).



### 13th Davao Online and Information Seminar

Two (2) of the library personnel joined the 13th Davao Online & Information Seminar last May 1-3, 2019, at Club Samal, Davao Oriental. They were Ms. Remedios B. Janier, OIC-Director of the Library Services and Ms. Jeamarie Y. Amparo.



### **Special Lecture with Balik Scientist Professor Dr. Richard Alorro**



Dr. Richard Diaz Alorro visited USTP CDO on January 28, 2019 to give a special lecture on Resource Extraction from Technospheric Stocks and Anthropogenic Ores.

His visit was part of the Department of Science and Technology's Balik Scientist program, which encourages overseas Filipino scientists and experts to return to the Philippines to share their knowledge for the promotion of scientific, agro-industrial and economic development.

Dr. Alorro is a professor at Curtin University, Australia's WA School of Mines: Minerals, Energy, and Chemical Engineering. His lecture was attended by USTP CDO College of Science and Mathematics students and faculty, as well as University officials.

### **Infodev Business Incubation Management Training**



CDO b.i.t.e.s. was invited to bring in a representative to attend the infoDev Business Incubation Management Training in Clark, Mega Manila from April 22 to April 28, 2019. It was organized by the Higher Education Institution Readiness for Innovation and Technopreneurship (HeIRIT) for Starting Technology Business Incubators (TBIs) Project Team.

TBI Manager Shoraliah Macalbe attended the said training. It was facilitated by certified trainers from PSG – Science and Technology Entrepreneurial Park (PSGSTEP), Coimbatore, Tamil Nadu, India. PSG-STEP is identified by the World Bank Group as focal organization in Asia Pacific to deliver the said training. Aside from learning new things, the training served as a venue for TBI Managers and Project Leaders to mingle and to expand its network and share ideas for future collaborations.

## **2019 Consumer Electronics Show (CES) and Study Visit to Silicon Valley, USA**



USTP was the only delegate from the academe fortunate to be part of the Philippine delegation to the 2019 Consumer Electronics Show (CES) and study visit to Silicon Valley, San Francisco. The Philippine delegation was composed of delegates from the Department of Trade and Industry (DTI), Department of Science and Technology (DOST), the Semiconductor and Electronics Industries in the Philippines, Inc. (SEIPI), and some representatives from the business sector.

The study visit to the USA consisted of two parts; first, a visit to Silicon Valley and Philippine Consular Office, San Francisco;

and second, attendance to 2019 Consumer Electronics Show in Las Vegas. The USTP Team was able to visit several industries and universities including Google, ON Semiconductor, ECLIPSE Ventures, UC Berkeley, and the Facebook Headquarters.



## **Alinet-Plai Seminar-Workshop**

Five library personnel attended the ALINET-PLAI Seminar-Workshop on Crafting Communication for Professional Productivity last May 16-17, 2019 at Bukidnon State University, Malaybalay City, namely: Ms. Remedios Janier, Ms. Rita Tanaka, Ms. Sweetie Rose Ong, Ms. Sansen Ramos and Ms. Juddy Mae Bation.

## **National ICT Summit 2019**

Authorities in the field of Information and Communication Technology highlight the government's efforts in leveling up the country's digital transformation during the National Information and Communications Technology Summit 2019 held on June 25-26, 2019 at the Novotel Manila, Quezon City.

Along with other 500 government executives, ICT managers and practitioners, local government officials,

and academe members, Engr. Jocelyn B. Barbosa, Dean of the College of Information Technology and Computing (CITC) of USTP CDO, attended the biggest gathering of Philippine government movers in the field of ICT.





## Public Sector Productivity (PSP) Innovation Bootcamp



The Public Sector Productivity Innovation Laboratory Bootcamp lasted from June 17 to 20, 2019 at DAP Conference Center, Tagaytay City. The particular bootcamp was participated by four SUCs in the country, namely: Don Mariano Marcos Memorial State University (DMMSU), Compostela Valley State College (CVSC), Camarines Norte State College (CNSC) and University of Science and Technology of Southern Philippines (USTP). It is the first of the series of PSP Innovation Laboratory Bootcamp for SUCs. USTP was represented by faculty members from the various colleges, namely: Mr. Horacio Emmanuel Factura III (CSM); Mr. Ronnie Besagas (CSTE); Mr. Jomar Llevado (CITC); Mr. Kenneth Magsayo (CEA) and Ms. Ruth April Labajan (CT).

The four-day intensive workshop intends to enable participants to experience the Co-Creation Innovation Process and develop innovative solutions/projects to address identified issues or opportunities. Specifically, it aims to: (1) enhance appreciation of the PSP Innovation Laboratory; (2) apply tools and techniques of the Co-Creation Innovation Process; (3) reflect and discuss issues/opportunities in their agency; and (4) develop innovative solutions / project to address their agency issues.

To attain the objectives, the workshop was spread out into four modules: 1) Introduction to Innovation; 2) Mobilizing Innovation Teams; 3) Identifying Challenges and Opportunities; and 4) Creating Alternatives.

## Five-Day Patent Search and Patent Drafting Workshops



These workshops were conducted on May 20-24, 2019 at Maker Space, 4th floor LRC building, USTP-CDO. This 5-day Patent Search and Patent Drafting Workshops were offered by Intellectual Property Office of the Philippines (IPOPHL) to the faculty of the university as partner agency through the Innovation and Technology Support Office (ITSO). The program aimed to promote and strengthen the Intellectual Property Rights and Protection among faculty and capacitate them to apply the course to the students.

Each day started with lectures on key concept of Intellectual Property Rights and Protection taught by the experts of IPOPHL. The inclusion of games and activities allowed the participants to internalize and practice the concept. The winners for the games and activities were awarded with book markers, ball pens, notebooks and bags from IPOPHL.





## PACUIT 3rd International Conference and 17th National Conference



The conference was officially endorsed by the Commission on Higher Education (CHED) for support and participation of Higher Education Institutions. Engr. Romano A. Pimentel of the College of Technology was invited to participate.

The PACUIT 3rd International Conference and 17th National Conference with the theme: Leading the 21st Century towards a Globalized Industrial Technology consists of three components. The first component

focuses on the presentation and discussion of the different topics derived from the theme. The second component provides a venue for members of PACUIT to present their research outputs and effective practices which may address theoretical, methodological or practical aspects related to Industrial Technology and in line with technology innovations for sustainable development. The third component is the business meeting among PACUIT members.



## Career Center Training

In providing organizational structures and processes that promote and support academic excellence, the USTP CDO Career Center together with USAID STRIDE conducted a four-day training at Seda Hotel, Cagayan de Oro City from May 7 to 10, 2019. The training was facilitated by Dr. Jeff Garis of Florida State University.

### Day 1 (May 7, 2019)

- Introduction to the STRIDE Career Center Initiative
- Developing Career Centers in Philippine Universities
- Evolution of Career Services
- Core Career Center Program

### Day 2 (May 8, 2019)

- Career Development Theory
- Assessment Measure in Career Guidance
- Resources and Information in Support of Career Guidance

### Day 3 (May 9, 2019)

- Field Visit and MOU Signing at USTP
- Experiential Education, Internships and OJT Programs
- Creating Linkages with employers
- Essential Skills in Job Seeking

### Day 4 (May 10, 2019)

- Career Center Policies
- Professional Associations, Standards, and Competencies
- Career Center Evaluation Program
- Career Center best practices
- STRIDE Roadmap for setting up Career Centers
- Next Steps

## USTP Claveria Hosts 12th FASMin Congress



The USTP Claveria hosted the 12th Federation of Agriculture Students in Mindanao (FASMin) Congress on January 28, 2019 - February 1, 2019 with the theme “Ensuring Quality Standards in Agri-Preneurial Innovations: A Game-Changer for Global Market Sustainability.” Student delegates, officials, and guests coming from 15 participating schools all over Mindanao arrived at Claveria.

Ninety-seven (97) USTP agriculture students participated in the said Congress and USTP Claveria was declared the 1st runner-up in the over-all ranking.

FASMin is an annual gathering of students in the agriculture and allied fields from different Mindanao universities and colleges to keep abreast with local agricultural issues and development trends. The congress and skills competition in the said event consist of six competitions: Crop-based competition; Livestock-based competition; Rodeo Skills (Cattle Events); Rodeo Skills (Non-Cattle Events); Literary Competition; and Musical Competition.





### **KAMALAG Rodeo Team Bag Awards**



The USTP Claveria KAMALAG Rodeo Team participated in the National Rodeo Competition at Vigan City, Ilocos Sur on February 8-10, 2019 with 16 schools participating. The USTP Claveria team ranked 3rd runner-up.



The USTP Claveria KAMALAG Rodeo Team bagged the National Championship Title (Men's Category) during the Rodeo National Finals 2019 held in Masbate City on April 9-13, 2019. Moreover, Mr. Louise Carl Recina, a second year Diploma of Agricultural Technology student, was also hailed as the National Rodeo King.



### USTP Claveria Student among UN Youth Participants in Bali, Indonesia



Mr. Bernabe B. Jabagat, a second year Bachelor of Science in Agriculture student, attended the United Nations Educational Scientific and Cultural Organization on March 22-25, 2019 in Bali, Indonesia. Mr. Jabagat, who was chosen as a Philippine Delegate, exchanged thoughts with other delegates on the culture of Filipino youth and their participations in the country's political affairs.

The aim of the UN Conference was to promote scientific and cultural exchange among the youth in the world and was organized by Bali Asia International Model United Nation with the theme "The World's Future in Your Hands" and attended by many country youth representatives around the world .

### IEE @ 44: Distinctive Journey In Advancing Global Competitiveness



The Institute of Integrated Electrical Engineers Council of Student Chapters conducted its research contest with the theme "IEE @ 44: Distinctive Journey in Advancing Global Competitiveness" at 6th floor Performing Arts Theater (PAT), USTP Complex on March 14, 2019. The CSC contest was attended by 6 participating schools, namely (1) University of Science and Technology of Southern Philippines, (2) Xavier University, and (3) Liceo de Cagayan University. The contest was initiated by IIEE-CDO Chapter in partnership with USTP Electrical Engineering Department to support student research outputs by

displaying their innovative studies. Students from USTP under Electrical Engineering department showcased and presented their research outputs. USTP garnered the second and third place.

### 5Th Philippine Startup Challenge



On April 4, 2019, the Technovator team composed of three students from the College of Information Technology and Computing (CITC) namely: Ericke Rafael I. Gallardo, Karen Lee M. Mique and Jennifer C. Ricardo, and one from the College of Technology (CT), Junyl H. NiñoFranco, along with their coach Mr. Jomar C. Llevado, a faculty member of CITC, completed for the 5th Philippine Startup Challenge.

Fortunately, out of the 15 finalists, the Team Bfree was awarded as the 5th Placer of the said competition. They received a plaque, check, and several DICT giveaways.

### Hackforgov-Cert-Ph Cyber Challenge 2019



Three students from Computer Engineering Department namely: Dan Niño Fabro, Kent Nacaytuna and Mark Rhoy Sabal together with one freshman Information Technology student James Ryan Gaid participated in HACKforGOV-CERT-PH Cyber Challenge 2019 CAPTURE-THE-FLAG-COMPETITION. This competition is DICT's initiative to produce more cybersecurity professionals in the country. The competition is a qualifying round for the national competition that will be held in Manila this coming June or July 2019. Our students bringing the team name Bloodhounds qualified for the national competition, alongside with other teams all over the country.



## **Student Affairs**



Student leaders participated in the Learn Lead Serve leadership training from May 2 to 9, 2019 at USTP CDO.



Finding a Sense of Inspired Purpose: facing Challenging and triumphs Through Servant Leadership” A Student Leader’s Recollection was also part of the week-long Learn Lead Serve student leadership activity by the Office of Student Affairs



221 Student Leaders Participated in the Visions and Legacies, a Turn Over ceremony and Oath-taking of the New Set of Elected Student Org Officers last April 23, 2019 @ ICT-AVR of USTP CDO.



### Undergraduate Scholarships In Taiwan (STUST)



On January 22, 2019, Dr. Aaron A. See of the Southern Taiwan University of Science and Technology (STUST) visited University of Science and Technology of the Southern Philippines (USTP) Cagayan de Oro. Dr. See is an Assistant Professor of the Department of Electrical Engineering at STUST, an established university in Tainan, Taiwan which emphasizes industry and academia cooperation using a real world curriculum.

His visit began with an introduction to STUST's scholarship opportunities for undergraduate students. In the afternoon, USTP Cagayan de Oro faculty

were invited to attend Dr. See's lecture on problem-based learning. Dr. See's visit was also an opportunity for CEA faculty and officials to discuss possible research collaborations with USTP CDO and STUST.

### MOA with Golden Gate University



While on a study visit to San Francisco, USTP CDO Chancellor Dr. Ruth G. Cabahug signed a Memorandum of Agreement (MOA) with the Golden Gate University. This was witnessed by Ms. Vanessa Ascaño (Vice President for Finance, Planning and Development) and Dr. Consorcio S. Namoco Jr. (Vice Chancellor for Academic and Student Affairs).

The Memorandum of Agreement develops academic cooperation and promotes mutual understanding between the two universities. As agreed, the MOA shall encompass the following: exchange of faculty, researchers and other research and administrative staff,

exchange of students, collaborative research projects, lectures, visiting professorships and industry engagement activities, exchange of academic materials, and the promotion of other academic cooperation. The MOA is valid for three (3) years.



### MOA with BPO Industries

Several industries such as Arriba Telecontact Inc., Support Zebra, Teleperformance, Innovuze Solutions Inc., and Envizion Philippines joined USTP Cagayan de Oro in a Memorandum of Understanding Signing Ceremony on February 1, 2019. The Head of the USTP CDO Career Center, Mr. Ariel M. Tecson, presented an overview of the Career Readiness Program.

### STRIDE Surge Project



In the Philippines, economic development is concentrated in areas such as Metro Manila and Cebu. For smaller cities, strengthened urban development is still needed in order to spread economic development across the country.

USAID hopes to help through the Urban Development Learning Program (UDLP). A USAID Cities Development Initiative flagship project, Strengthening Urban Resilience for Growth with Equity (SURGE) aims to assist cities to “plan effectively, guarantee basic public services, reduce business transaction costs, promote competitiveness, support sustainable development, and reduce disaster and climate change risks while ensuring inclusive and sustainable growth.”

In a focus group discussion held at the USTP Boardroom on June 28, 2019, members from the academe, LGUs, NGAs, professional groups, and the business sector were invited to shed insight on the needs of the city and other localities in the province/region in relation to urban development. The FGD was organized in order to come up with context-tailored, needs-based modules for the planned executive program under the UDLP.



## Academic Collaborations



Breakout sessions were held in the afternoon, where participants were tasked to discuss inside their focus groups the urban development gaps, knowledge, skills, content, approach and outcomes in relation to their sectors. Participants then presented their outputs in order to synthesize the views from each focus group.

Dr. Namoco ended the FGD with a discussion on the next steps to be taken, starting with the consolidation of the results of the FGD, identification of themes which will become the basis for the module subjects, gathering of course descriptions of existing courses in urban development, creation of module development team (MDT), coaching and mentoring for the MDT, presentation and validation of the modules to stakeholders, finalization of modules with partner universities, approval of the executive program by the USTP Board of Regents, networking with CHED, launching of the executive program, promotion of the executive program, and finally, offering the executive program on sustainable development and innovation.

## MOU Between USTP CDO Career Center and USAID STRIDE



On May 9, 2019, University of Science and Technology of Southern Philippines (USTP) signed a Memorandum of Understanding (MOU) with USAID Science, Technology, Research and Innovation for Development (STRIDE).

The MOA signing also served as a venue to openly discuss the future programs and undertakings of the Career Center, including steps on addressing the skills mismatch, as well as maintaining a competitive edge against other schools in the Philippines.

Dr. Rosalito Quirino, OIC President, signed the MOA with Dr. Richard Abendan, Chief of Party, STRIDE Program. University key officials, as well as STRIDE representatives, were present to witness the signing of the Memorandum of Agreement.



# Cultivating Research and Innovation

Innovation Summit

Research Services

Research Presentations

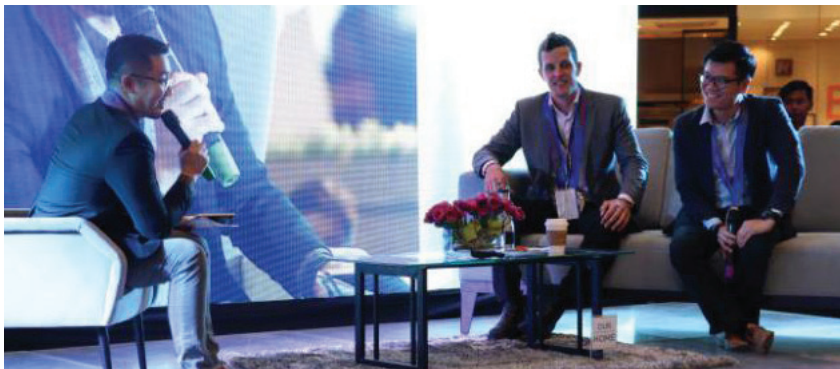
Student Researches

Award and Recognition in Research

Research Collaborations

Research Services	Count
Research completed within the year (as of June 30, 2019)	8
Research outputs utilized by industries or by other beneficiaries	7
Research Citation	49
Research Publication	10
Research Presentation	
Regional	8
National	2
International	7
TOTAL, Research Presentation	17

## 2nd Innovation Summit



Following the success of last year's Innovation Summit, USTP hosted the 2nd Innovation Summit on March 28 to 29, 2019 at the Event Center of the SM CDO Downtown Premier.

The summit aimed to respond to the rising need of upcoming industries in Mindanao by offering student entrepreneurs and game changers the opportunity to hone and sharpen

their skills through research and innovation. Additionally, it provided students the potential to commercialize or further develop their innovations, thus, bridging the gap between industry and the academe.

One of the major highlights during the Innovation Summit was the signing of the Memorandum of Agreement (MOA) between USTP and the following industries: ALTAIR Engineering SDN, BHD., Solar Fire Concentration Ltd., and Carbon Cycle Processing Inc.







Diodado “Dado” Banatao, dubbed as the “Bill Gates of the Philippines”, graced the 2nd USTP Innovation Summit. Banatao is famous for his development of the first single chip, 16-bit microprocessor-based calculator, among others. He was invited by USTP CDO to speak about creating an innovative mindset and ecosystem during the session called Fire-Side Chat with Venture Capitalist from Silicon Valley.

During the fire-side chat, which was moderated by Emil Benjamin Tapnio, Program Director of the Philippine Development Foundation, Banatao gave some advice to the startups present during the event

and inspired them to succeed. He emphasized the need to come up with something that has not been done before, and stressed the importance of investing in the right tools.

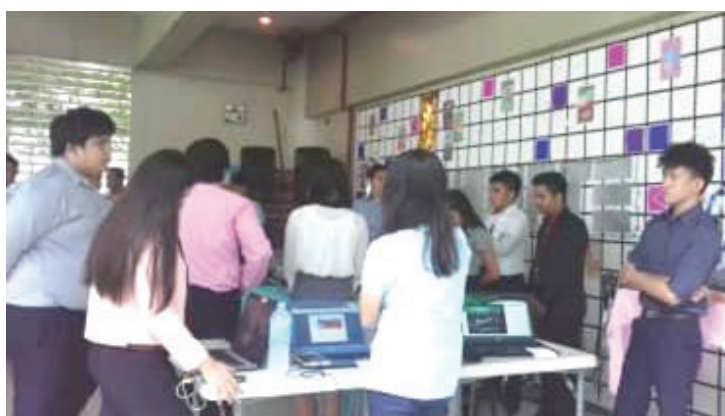
Banatao also enumerated five factors to success, which included identifying the market, creating a competitive and differentiable product, finding the right people, creating an operating and strategic plan, and seeking for funding.

### Paper Presentation In National Kaohsiung University Of Science And Technology, Taiwan

Engr. Diogenes Pascua presented his research paper entitled “Simulation, Analysis And Implementation Of A Wi-Fi Based Wireless Sensor Network With Applications In Marine Temperature Acquisition” during the 2019 International Conference on Environmental Quality Control and Conservation last May 23-25, 2019, at Tainan & Kaohsiung , Taiwan.



### Student Research Colloquium/Forum



A 3-day student research colloquium/forum was organized by the Student Council of Engineering and Architecture (SCEA) of USTP Cagayan de Oro dubbed as the College of Engineering and Architecture Research Congress with the theme “Illumination: Be the Light” on February 4 – 6, 2019.

Students were exposed to the most current research in the fields of engineering, communicative sciences and technology. They were also encouraged to read original research

papers to have the opportunity to discuss the research with the speakers. The annual event showcased students’ best thesis, research and innovation projects from the different departments.



## Award and Recognition in Research and Innovation



### MJST Listed In The Asean Citation Index (ACI) Database

The Mindanao Journal of Science and Technology (MJST) is listed in the ASEAN Citation Index (ACI) database, along with 46 other Philippine journals. This means that research articles published in the MJST can now be accessed through the ACI.

The inclusion in the ACI is just another addition to MJST's achievements. The journal has already been recognized by the CHED as a grantee of its Journal Incubation Program (JIP). It is also listed in the Emerging Sources Citation Index (ESCI) under Web of Science Core Collections of Clarivate Analytics, an international indexing database.

## Research Collaboration



### USAID STRIDE Industry-Academe Ideation Workshop

The USTP Cagayan de Oro Vice Chancellor for Research and Innovation (VCRI) and the Research Committee partnered with the USAID Science, Technology, Research and Innovation for Development (STRIDE) and RTI International in conducting an Ideation Workshop to address the need for industry-academe collaboration. The activity aims to generate innovations and solutions that may address pressing societal problems.

The Ideation Workshop ran for three days, May 29-31, 2019, with day... one devoted for the ideation briefing, day two for the ideation workshop proper, and day three for the writeshop. All of the activities were held at the USTP CDO Boardroom. Facilitating the workshop were Eric Christian Estolatan, STRIDE Convergence Manager, Adrienne Louise Cacho, STRIDE Convergence Coordinator, and Samantha Uichico, STRIDE Linkages Manager, and Jacinto Asuncion, Jr., UPSCALE Technology Business Incubator Exective Director.

### Slers Philippines - Bukidnon

USTP faculty Dr. Antonio Abdu- Sami Magomnang, Dr. Leonel L. Pabilona, Atty. Dionel O. Albina and Engr. Romeo De Asis conducted consultancy services and research collaboration for possible partnership with Slers Company.



## The TBI 4.0 Program

### *Visit, Benchmark, and Co-Incubation Arrangements with Spring Valley*



The focal point of the project under the TBI 4.0 Program is the co-incubation program between CDO b.i.t.e.s. and Spring Valley Tech. The new TBI team along with its Project Staff Wendell Talampas, USTP Vice-Chancellor for Research and Innovation Dr. Ambrosio Cultura, and USTP Director for Innovation & Technology Solutions Engr. Alex Maurel headed to Spring Valley in Roxas City. The three-day visit to Spring Valley Tech included benchmarking, facility tour, and the discussion of the co-incubation arrangements between the two TBIs.

The first day of the visit of CDO b.i.t.e.s. to Spring Valley was allotted for benchmarking and a tour of their facilities. The team was introduced to the Spring Valley Advanced Research and Knowledge Center (ARK), the Spring Valley Incubation and Training Center, and the Spring Valley Academy.

The tour also included introduction to various staff that hold essential roles in the TBI as well as prototypes and products that Spring Valley were working on. The CDO team learned that they have been holding various seminars and workshops for youth as well as accepting on-the-job trainees from all over the Philippines. The Spring Valley Tech also shared that they have partnered up with various companies within the Philippines and even overseas, mostly from South Korea to develop and advance their projects. The second and third days of the visit were allotted for the discussion of arrangements of the co-incubation program between CDO b.i.t.e.s and Spring Valley. A closed-door meeting was held to thoroughly discuss the arrangements for the said co-incubation program.



## Research Collaborations

Linkage/ Partnership/ Collaboration Program	Partner/ Collaborating institution/s	Institutional type of partner institutions	For international collaborations: Country/ies in partnership/ collaboration with	Nature of Partnership/ Collaboration	Deliverables or Desired Output/s	Validity of Im- plementation	Target beneficiaries
<b>A. LOCAL COLLABORATIONS</b>							
Environmental Impact Assessment of Mercury Contaminated Environs Due to Mining Activities in Barangay Gango, Libona, Bukidnon	Commission on Higher Education (CHED) - (Funding agency) and Capitol University	Government agency and HEI		Research	Environmental Impact Assessment Report	January 2018 - January 2020	SUCs, HEIs, LGUs and other stakeholders
Indigenous Knowledge System on Plant Utilization by Selected Indigenous People and Ethnic Group in Northern Mindanao	National Commission for Culture and the Arts (CHED) SALIKHA	Government agency and HEI		Research	IEC	October 2018 - October 2020	IP Community, Academe, and Policy Makers
Center for Entrepreneurship and Technology (Technopreneurship 101)	Commission on Higher Education (CHED) Philippine Science & Technology Development Foundation (PhilDev)"	"1. Government Agency 2. Private Foundation"	Sutardja Center for Entrepreneur- ship & Technology (University of California Berkeley)	"1. CHED as the funding agency 2. PhilDev as implementing partner/Aadviser of CET 3. SCET as mentor/adviser for CET"	"1. Development of Innovation & Startup ecosystem 2. Enhancement of Startup Incubation Program 3. Introduction & implementation of the Technopreneur- ship course"	January 2018 - December 2019	Faculty members & students, neighboring HEIs, the startup community, alumni, professionals/ industry, & investment community.
Strengthening the Operational Systems and Innovation Capabilities of NMFIC – An Institutional Support for the Enhancement of NMFIC Operation	"Department of Science and Technology-X Provincial Science and Technology Center of Misamis Oriental"	Government		Support to NMFIC Operation		March 2018 - February 2019	NMFIC
Complementary Food Production	'Department of Science and Technology, Region 10 Food and Nutrition Research Institu- DOST Office of the Representative of the 2nd Legeslative District of Cagayan de Oro City ABANTE Mindanao	Government		Complementary Food Production (MOA)	Crunchies and Cereals for Feeding Programs	2014 - May 2019	Undernourished Children of Northern Mindanao
Socio-economic profiling of farmers in Northern Mindanao	Department of Agriculture Region 10	Government		Research/ Survey	Technology generation and capacity building	2017-2019	Farmers/LGU's



## Research Collaborations

Linkage/ Partnership/ Collaboration Program	Partner/ Collaborating institution/s	Institutional type of partner institutions	For international collaborations: Country/ies in partnership/ collaboration with	Nature of Partnership/ Collaboration	Deliverables or Desired Output/s	Validity of Im- plementation	Target beneficiaries
Project 2.1 Community-Level SARAI-Enhanced Agricultural Monitoring System (CL SEAMS) and Crop Advisories	DOST-PCAARRD	Government		Research	Technology generation and capacity building	May 2018 - April 2021	Farmers/LGU's/ Students
Soil and nutrient management strategies for sustainable vegetable production in Southern Philippines	BSWM	Government		R&E	Technology generation and capacity building on soil and nutrient management	2014-2019	Farmers/LGU's/ Students
<b>B. INTERNATIONAL COLLABORATIONS</b>							
"Establishment of Educational Linkages "	"Rajamangala University of Technology Thanyaburi (RMUTT)"	A State University in Thailand	Thailand	Academic Agreement	Faculty and Staff Exchange, Students Exchange	April 2018 - present	Faculty members and students of USTP
"Establishment of Educational Linkages "	"Southern Taiwan University of Science and Technology (STUST)"	A Private University in Yongkang District, Taiwan	Taiwan	Academic Agreement	Faculty and Staff Exchange, Students Exchange, Collaborative research projects, exchange of academic, conduct of lectures and symposia, exchange of academic information and materials, promotion of other academic cooperation	Agreement is in force for a period of five years starting May 17, 2018	Faculty members of USTP
"Establishment of Educational Linkages "	Xiamen University of Technology (XMUT)	A Private University in Yongkang District, Taiwan	Taiwan	Academic Agreement	Joint Educational and Research Activities, Exchange of Academic Materials and publications, exchange of faculty for research, lectures, seminars and discussions, exchange of students for study and research, promotion of other academic cooperation	Agreement is in force for a period of five years starting May 17, 2018	Faculty members of USTP

## Research Collaborations

Linkage/ Partnership/ Collaboration Program	Partner/ Collaborating institution/s	Institutional type of partner institutions	For international collaborations: Country/ies in partnership/ collaboration with	Nature of Partnership/ Collaboration	Deliverables or Desired Output/s	Validity of Im- plementation	Target beneficiaries
"Establishment of Educational Linkages "	"Harbin University of Science and Technology (HUST) "	A province- owned Engineering University in Heilongjiang Province, Harbin, China	China	Academic Agreement	Joint Educational and Research Activities, Faculty Development Programs, exchange of academic materials and publications, exchange of faculty for research, lectures, seminars and discussions, exchange of students for study and research, promotion of other academic cooperation	The Memorandum of Agreement shall be valid for a period of five years starting July 12, 2018	Faculty members and students of USTP
Productivity Evaluation of Organic Passion Fruit	Southern YUI Farm (SYUIF)	Private Company	Japan	R&E	Technology generation and capacity building on Organic Passion Fruit	May 2017-April 2020	Farmers/LGU's/ Students





# **Advocating Contributions to Society**

Extension Services  
Collaborations in Extension

Extension Services	Total
Number of Active Partnerships with LGUs, industries, NGOs, NGAs, SME, and other stakeholders as a result of extension activities	30
Number of extension programs organized and supported consistent with the SUCs mandated and priority programs	11
Number of persons/groups provided with technical advice	242
Percentage of beneficiaries who rate the training course/s and advisory services as satisfactory or higher in terms of quality and relevance	100%
Linkages forged with industries	2
Extension Programs and Projects	20
Faculty Expert Services/Consultancies	6
Number of trainees weighted by the length of training	1804.5

### Collaborations in Extension

#### MOA Signing with 4th Signal Battalion

A signing of a Memorandum of Agreement between the USTP CDO and the Army Signal Regiment 4th Signal Battalion was held at the ICT - AVR on May 30, 2019. USTP CDO and the Army Signal Regiment 4th Signal Battalion agreed on training programs that will enable the participants to develop their skills through the provision of computer laboratory rooms, tools and equipment and support from faculty-experts. The training programs are the following: Skills Training in Electronics Products Assembly and Servicing, and Community Productivity Through Skills Training in Computer Hardware and Software Installation.



#### MOA Signing with DepEd CDO

A MOA signing was held last March 26, 2019 between the Department of Education Division of Cagayan de Oro City and USTP Cagayan de Oro for the various extension projects that will be conducted on May 2019 at Lapasan National High School.

### **ALS Training Culmination**



Culminating programs for the Alternative Learning System (ALS) training were conducted in April to May for chemistry, physics and mathematics competency enhancement. The training sessions were part of the 5-year MOA between USTP CDO and DepEd CDO.

The initiative was the response to the request of the DepEd CDO through the Division ALS

Coordinator Dr. Ray Butch Mahinay. The training was designed to improve the teaching competencies of teachers.

### **MOA Signing with CCS Pueblo**

A Memorandum of Agreement between the USTP Cagayan de Oro College of Science and Technology Education (CSTE) and the Corpus Christi School was inked last May 15, 2019 at CCS Pueblo Campus. The partnership aims to provide high school teachers with an intensive training in conducting action researches in education. The Departments of Mathematics Education and Science Education will provide faculty-mentors to CCS Teachers to ensure implementation and attainment of research deliverables. Trainings will be held throughout the year and will culminate with a research conference sometime in December. Outstanding research outputs will also be subjected to peer review for possible publication in the Journal of Innovations in Teaching and Learning (JITL).



### **MOA Signing with ALS CDO**

MOA signing last April 22, 2019 with the Alternative Learning System of the Division of Cagayan de Oro City, Department of Education for the competency enhancement of ALS mobile teachers in mathematics, physics and chemistry. This is a 5-year partnership with ALS CDO.





### **MOA with Agro-Eco Philippines**

The USTP CDO partnered with the Agro-Eco Philippines to contribute in research, product development, social enterprise and extension in the agro-eco sector.

A forum entitled “Perfect Combination: Farmers and Scientists Partnership on Agroecology” was attended by nearly three hundred farmers and officials from Cagayan de Oro and surrounding provinces. Farmers voiced out their concerns as well as offered possible solutions to real issues faced by their sector.



On April 30, 2019, the USTP CDO and Agro-Eco Philippines signed a Memorandum of Agreement. Media practitioners, farmers and University officials were able to discuss during a two-hour press conference the steps necessary to address poverty, hunger and climate change, as well as how USTP-CDO can use its existing resources in providing more support to the agro-eco sector.

# USTP Governance and Finance

Search for USTP President  
Moving Forward with ISO  
Finance and Resource Generation  
Infrastructure Development  
USTP S&T Parks

## The Search for USTP System President



Earlier this year, the University of Science and Technology of Southern Philippines launched its search for a new University System President.

Under the University charter, a new president is elected by the Board, with the recommendation of the Search Committee for Presidency (SCP). The search committee consists of the members of the academic community, the private sector, the Philippine Association of State Universities and Colleges (PASUC) representative, and a Commission on Higher Education (CHED) representative.

The candidates for presidency are the following: Atty. Dionel O. Albina, PEng'g, Dr. Ruth G. Cabahug, DTE, and Dr. Ambrosio B. Cultura II.

The search included a Public Forum attended by members of the USTP community on April 25, 2019 at the Dr. Ricardo E. Rotorias Memorial Hall. Faculty, students, non-teaching personnel, alumni, as well as other guests, were invited to solicit the views and plans of the three candidates, considering the challenges currently faced by the University. The Public Forum was also an opportunity for the candidates to present their individual platforms. During the open forum, sectoral representatives each asked the candidates one question.

The SCP is composed of the following members: Dr. Montano F. Salvador, former president of USTP (then the Mindanao Polytechnic State College); Mr. Nicole John P. Cagadas, Alumni Director; Mr. Tyrone S. Battung, University Student Government (USG) president; Engr. Camilo S. Salvaña, USTP Faculty Association Vice President; Ms. Eileen E. San Juan, Local Economic and Investment Promotions Officer; Ms. Vanessa Mae B. Martinez, Lapasan National High School Assistant to the President; and Dr. Irene Floro, RN, Cagayan de Oro Chamber of Commerce and Industry Foundation, Inc. President.

The third phase of the selection process which is the panel interview followed in the afternoon.



## Moving Forward with ISO



**January 14-17, 2019**

*Refinement and finalization of ISO Documented Procedures Manual on Management of Learning held at the USTP Cagayan de Oro Boardroom.*



**March 13-14, 2019**

*Finalization of ISO Processes in Admission, Registration and Management of Learning held at USTP Claveria*



At the end of the second quarter of FY 2019, the University had a significant increase of 4.11% in its Total Assets.

University of Science and Technology of Southern Philippines Statement of Financial Position All Funds As of June 30, 2019				
	2019	2018	Increase/Decrease	
			Amount	%
<b>TOTAL ASSETS</b>	<b>2,281,140,081.67</b>	<b>2,191,092,413.01</b>	<b>90,047,668.66</b>	<b>4.11%</b>
LIABILITIES AND EQUITY				
Liabilities	369,399,363.76	455,267,694.22	-85,868,330.46	-18.86%
Government Equity	1,911,740,717.91	1,735,824,718.79	175,915,999.12	10.13%
<b>TOTAL LIABILITIES AND EQUITY</b>	<b>2,281,140,081.67</b>	<b>2,191,092,413.01</b>	<b>90,047,668.66</b>	<b>4.11%</b>

### Income and Subsidy

	2017	2018	2019 (as of June 30, 2019)
Income	338,144,782.96	376,813,646.13	376,143,266.31
Subsidy	517,244,962.22	579,816,678.30	376,638,111.25

### Income Generating Projects

As of June 30, 2019, the University was able to generate 3.3 Million from its income generated projects.

Campus	Gross Income	Expenses	Net Income
Cagayan de Oro	3,854,920.23	1,226,270.83	2,628,649.40
Claveria	3,900,613.92	3,241,398.53	659,215.40
<b>Total</b>	<b>7,755,534.15</b>	<b>4,467,669.36</b>	<b>3,287,864.80</b>

### National Government Subsidy

Class/Object	Amount
Personal Services-Regular	260,669,230.12
Personal Services-PGF	1,435,651.00
RLIP	18,221,000.00
MOOE- Regular	71,860,230.13
Capital Outlay-Regular	24,452,000.00
<b>Total</b>	<b>376,638,111.25</b>

## Fixed Asset

	2017	2018	2019 (as of June 30, 2019)
Special Trust Fund	831,445,215.73	764,061,192.87	745,441,936.33
General Fund	274,553,832.41	430,672,078.44	476,855,456.38
Revolving Fund	3,645,534.80	3,236,512.22	2,505,324.07
<b>TOTAL</b>	<b>1,109,644,582.94</b>	<b>1,197,969,783.53</b>	<b>1,224,802,716.78</b>

## Capital Outlay

### USTP Cagayan de Oro

Project	Special Trust Fund (STF)	General Fund (GF)	Total
Construction of 3- Storey Technology Building thru Design and Build Scheme		88,419,014.01	88,419,014.01
Continuation of Flood Protection System		92,283,932.56	92,283,932.56
Construction of Sports Complex and Residences (Phase 1)		15,800,109.30	15,800,109.30
Construction of Eight-Storey		34,722,669.94	34,722,669.94
Faculty Learning Resource Center (Phase 1)		21,475,297.26	21,475,297.26
Construction of the Design Engineering and Fabrication Laboratory for USTP-CDO	6,041,435.88	1,173,834.89	7,215,270.77

### USTP Claveria

Project	Special Trust Fund (STF)	General Fund (GF)	Total
Completion of Multi-Purpose Building/Training Center (Phase II)		10,000,000.00	10,000,000.00
Purchase of Mini-Bus	4,000,000.00		4,000,000.00
Repair of President's Cottage	3,000,000.00		3,000,000.00

## Faculty Development Program Updates

	Number of Scholars
University-Funded Faculty Scholars	14
Externally-Funded Faculty Scholars	36



## Infrastructure Development as of The Second Quarter of 2019

The USTP- CDO Campus has five (5) ongoing infrastructure projects as of June 30, 2019.

Project Title	Project Cost (Php)	Project Duration	Start Date	Target as of June 30, 2019	Accomplishment June 30, 2019	Funding Source
Construction of 3-Storey Technology Building thru Design and Build Scheme	88,419,014.01	240 CD	Oct 24, 2017	100% as of March 30, 2019	96.935%	GAA 2017
Continuation of Flood Protection System	92,283,932.56	150 CD	Sept 28, 2018	Under suspension as of May 7, 2019	78.028%	GAA 2018
Construction of Sports Complex and Residences (Phase 1)	15,800,109.30	120 CD	Jan 5, 2019	Under suspension	55.829%	GAA 2018
Construction of Eight-Storey Faculty Learning Resource Center (Phase 1)	34,722,669.94	120 CD	Jan 5, 2019	16.063% as of May 19, 2019	25.620%	GAA 2018
Construction of the Design Engineering and Fabrication Laboratory for USTP-CDO	21,475,297.26	120 CD	Jan 5, 2019	59.46% as of May 19, 2019	49.210% as of May 19, 2019	GAA 2018/ STF



Construction of the **THREE-STOREY TECHNOLOGY BUILDING**  
**96.935%** Accomplishment





Continuation of the **FLOOD  
PROTECTION SYSTEM**

**78.028%** Accomplishment



Construction of the **SPORTS COMPLEX  
& RESIDENCES (PHASE 1)**

**55.829%** Accomplishment







Construction of the  
**EIGHT-STOREY FACULTY  
LEARNING RESOURCE  
CENTER (PHASE 1)**

**25.620%**

Accomplishment

Continuation of the  
**DESIGN ENGINEERING  
& FABRICATION  
LABORATORY**

**49.24%**

Accomplishment



#### USTP Claveria



**SOLAR POWERED 5-STOREY  
25-CLASSROOM BUILDING**

**10.00%** Accomplishment

Completion of the  
**ADMINISTRATION  
BUILDING PHASE 7**

**100%** Accomplishment







Completion of the  
**ADMINISTRATION BUILDING  
PHASE 8**

**53.33%** Accomplishment



Construction of  
**MILKING PARLOR**

**92.76%**  
Accomplishment

Construction of  
**25 CLASSROOMS  
5-STOREY BUILDING  
PHASE 1**

**95%** Accomplishment



Construction of the **4-STOREY  
20 ROOMS INTERNATIONAL  
DORMITORY**

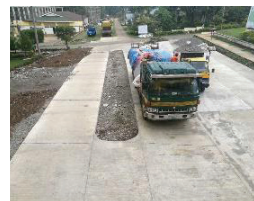
**12%** Accomplishment



Completion of the  
**UNIVERSITY  
FOOTBALL FIELD AND OVAL**

**95%** Accomplishment





Concreting of  
**ROAD NETWORK**  
**65%** Accomplishment

Conversion of the  
**OLD AUDITORIUM INTO A  
MULTI-PURPOSE BUILDING/  
TRAINING CENTER**

**57%** Accomplishment



Renovation of **RESEARCH  
DEVELOPMENT AND  
EXTENSION BUILDING**

**100%** Complete

Renovation of  
**AGRIVIRONMENTAL  
SCIENCE LABORATORY  
BUILDING**

**70%** Accomplishment

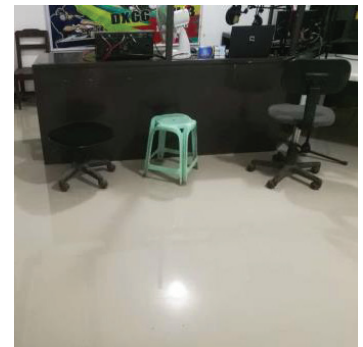
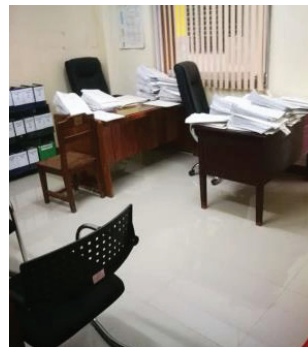




## Renovation of POST-HARVEST BUILDING



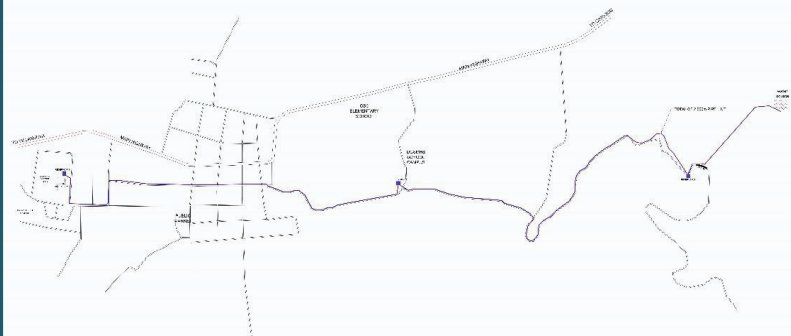
## Completion of Conversion of the VO-AG BUILDING INTO SCIENCE LAB BUILDING



Tile Works for  
**ADMINISTRATION  
OFFICES**

**100%**  
Complete

## Establishing the IRRIGATION AND WATER SYSTEM



WATER SYSTEM SITE DEVELOPMENT MAP-MAIN CAMPUS



## **Workshop on Program Implementation Design (PID) for Administration and Finance**



A Workshop on Program Implementation Design (PID) for Administration and Finance was conducted at Chali Beach Resort on February 15-16, 2019. PIDs were formulated for the attainment of Goal 5, Phase I of the University's Strategic Plan.

### **PROGRAM IMPLEMENTATION DESIGN** (Phase 1: 2017-2020)

The following projects were formulated during the said workshop:

1. Human Resource Management - Competency-based Framework, Competency-based Assessment Tool, Coaching & Mentoring Guidebook, Client Satisfaction Survey, HR Manual
2. Procurement - Upgrading of Procurement Management System
3. Supply and Property Management - SIRI Enhancement
4. Finance - ABCI Enhancement
5. Infra Project Development - Organizational Structure Review
6. Monitoring and Evaluation - Monitoring & Evaluation Framework
7. Solid Waste Management - Solid Waste Management Plan
8. ICT - ISSP for USTP System
9. USTP as a Discovery and Innovation University

## **Documentation and Risk Management Training**



In preparation for the ISO certification of the University of Science and Technology of Southern Philippines (USTP) System, a training on documentation and risk management was held at USTP Claveria Center for Lifelong Learning on April 3-4, 2018.

Mr. Kevin Castillo, trainer from ASC Management System Consultancy, provided series of lectures and facilitated the two-day training-workshop. Participants were grouped by offices, by campus, and combined

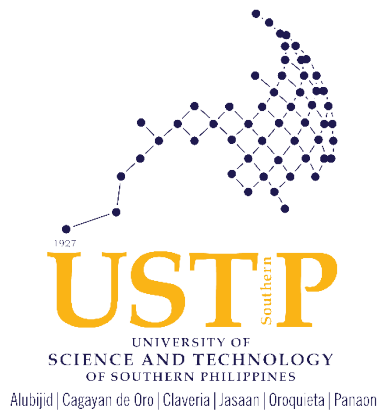
groupings of both CDO and Claveria campuses during workshops. Outputs on procedures, identifying issues and risks, risk evaluation and possible action plans to address identified risk were presented after every workshop.

## Undertaking for the Techno Park Study Visit in the USA

Philippine delegation to the  
2019 **Consumer Electronics  
Show (CES)** as part of  
“**Outbound Business Matching  
Mission on Electronics to the US**”  
and study visit to **Silicon Valley**.



## Undertaking for the Techno Park



**COLLABORATION** – USTP, MSU-IIT and SEIPI agree to reinforce partnership through:

- ✓ Housing SEIPI's Integrated Circuit (IC) Design Lab in USTP CDO which may be utilized by ECE and Technology program students
- ✓ Conducting collaborative projects and activities for the advancement of semiconductor and electronics industries in the region including IC Design **FACULTY IMMERSION**
- ✓ **INTERNSHIP PROGRAMS** for students in SEIPI member-companies
- ✓ Scholarship for students granted by SEIPI member-companies
- ✓ Participation in curriculum enhancement
- ✓ Etc.



## Updates on the USTP Techno Park

### In coordination with the DOST-X:

- Requested technical assistance from the UN – Economic and Social Commission for Asia and the Pacific (ESCAP)
- Prepared initial Work Plan for Mindanao Techno Park Development

### In coordination with the NEDA-X:

- March 8, 2019. Northern Mindanao Regional Government Center Management Task Force (NMRGC MTF) Joint Infrastructure-Land Use and Environment Technical Working Group Meeting at DPWH Regional Office X

The meeting was presided by Chief-Highway Design Section of DPWH X – Engr Edd Michael Angelo O. Robril. Attended by the National Grid Corporation of the Philippines (NGCP), TWG of the Land Use and Environment of DENR X/ CENRO – Initao/ EMBX with Asst. Regional Director of NEDA X Ms. Mae Ester T. Guiamadel.

During the meeting the discussion focused on the a) Updates on agreements reached from the previous meeting; b) Prescribed right-of-way and or safety clearances for the power transmission lines and its facilities; c) Land use and environment issues on the proposed site of NMRGC/USTP property; d) Firming up of recommendations to be elevated to the NMRGC Management Task Force

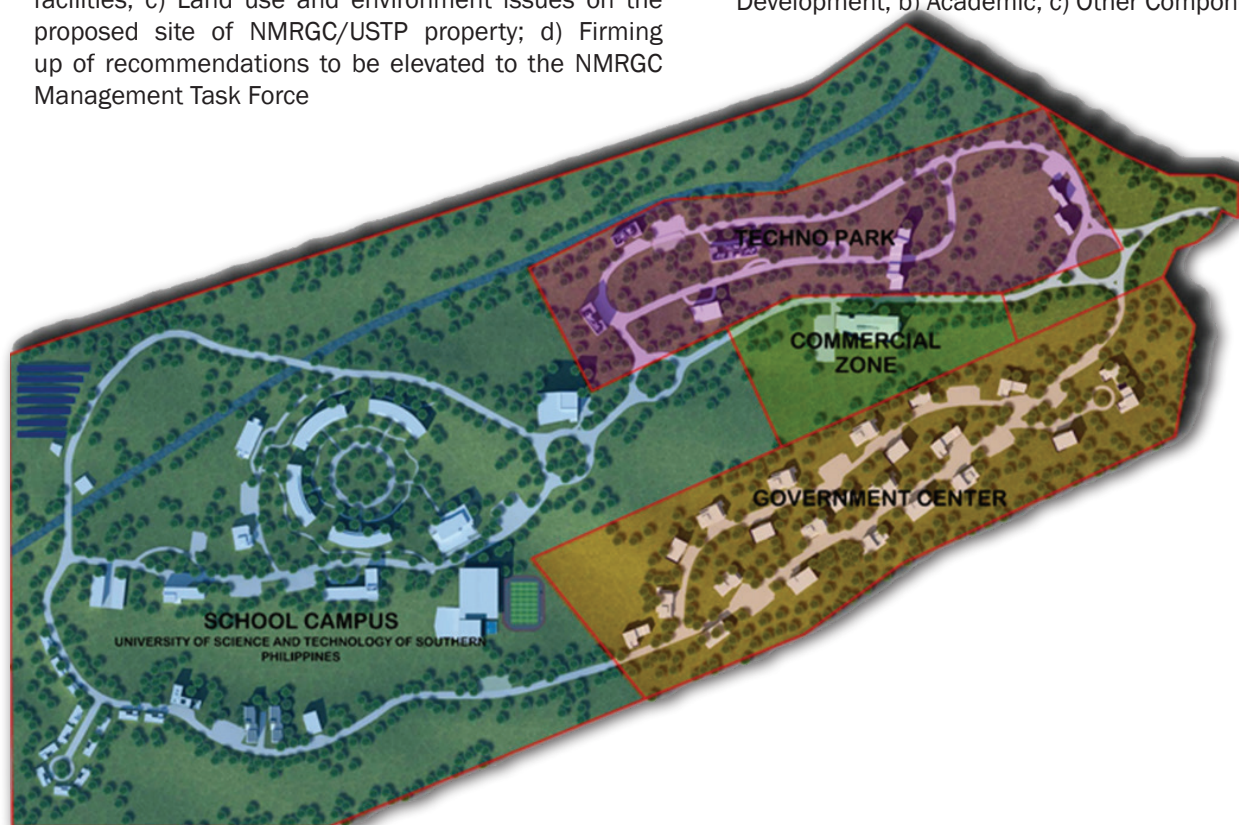
### Ongoing efforts:

- Topographical Survey, Subdivision, and Relocation of Monuments
- Titling of the Alubijid Site
- Identifying registration requirements for operating a Techno Park
- Review of agreements inked with other agencies on possible development works in Alubijid
- Formalizing the creation of the Office of the Strategic Planning Communications for the Development of Mindanao Techno Park (Project Management Office)
- Preparation of Plans and Drawings for Office Building at the site to establish presence and send message of commitment

Mindanao Techno Park Development Project Management Committee Planning/Workshop

The committee met last March 9, 2019 at Chali Beach Resort to plan its actions in carrying out its tasks with Dr. Roberto N. Padua as consultant, resource person and facilitator. The whole day session discussed the actions and the way forward of the establishment of the MINDANAO TECHNO PARK.

The initial tasks to be focused on by the committee are divided into three areas namely: a) Site Development; b) Academic; c) Other Components.



## Support of The RDC-X Advisory Committee

Aug.13,  
2018

RDC-X Advisory  
Committee Meeting



### Declaration of support

- proposed site of the  
Regional Government  
Center - **RAC-X**

**Resolution No. 15 (s.2018)**

**Php 225 M**

Construction/improvement of  
access road for inclusion in the FY  
2019 Budget of DPWH-X

**Php 904 M**

FY 2019 – land/site development,  
road construction, water supply  
and power installation

## Support of The RDC-X Advisory Committee

Sep. 24,  
2018

116<sup>th</sup> RDC-X  
Full Council Meeting



**RDC-X Resolution No. 44 (s. 2018)** supported and approved the following:

- ✓ Establishment of the Northern Mindanao Regional Government Center (NMRGC)
- ✓ Locating the NMRGC at the **50 hectare-lot** within the USTP property in Alubijid, Misamis Oriental
- ✓ Creation of the NMRGC Management Task Force (NMRGCMTF) under the RDC-X Macro and Development Administration Committee



## Mindanao Techno Park Development Project Management Committee

Aug.13,  
2018

RDC-X Advisory  
Committee Meeting

Constituting the  
**Mindanao Techno  
Park Development  
Management Committee**

Committee Chairperson

**DR. HERBERT GLENN P. REYES**

Presidential Assistant for External Affairs

Committee Members

**DR. RUTH G. CABAUG**

Chancellor, USTP CDO

**MS. VANESSA V. ASCAÑO, CPA, MPA**

Vice President for Finance, Planning & Development, USTP System

**ATTY. JONATHAN S. OCHE**

Vice President for Administration & Legal Affairs, USTP System

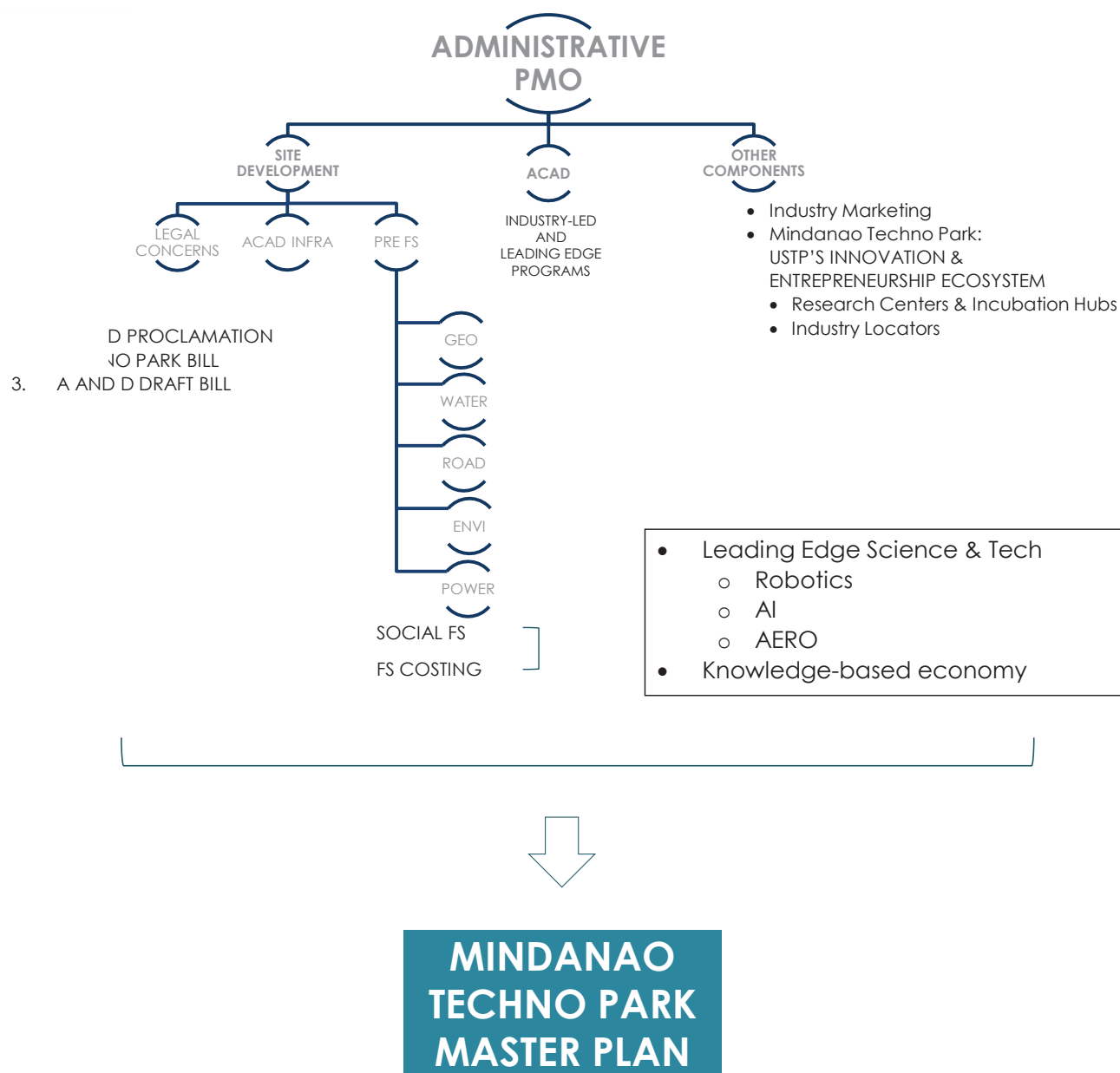
**DR. AMBROSIO B. CULTURA II**

Vice Chancellor for Research and Innovation, USTP CDO

**DR. RUEL R. CABAUG**

Head, Infrastructure Planning and Facilities Development, USTP System

## Mindanao Techno Park Development Project Management Committee: Developing the Master Plan

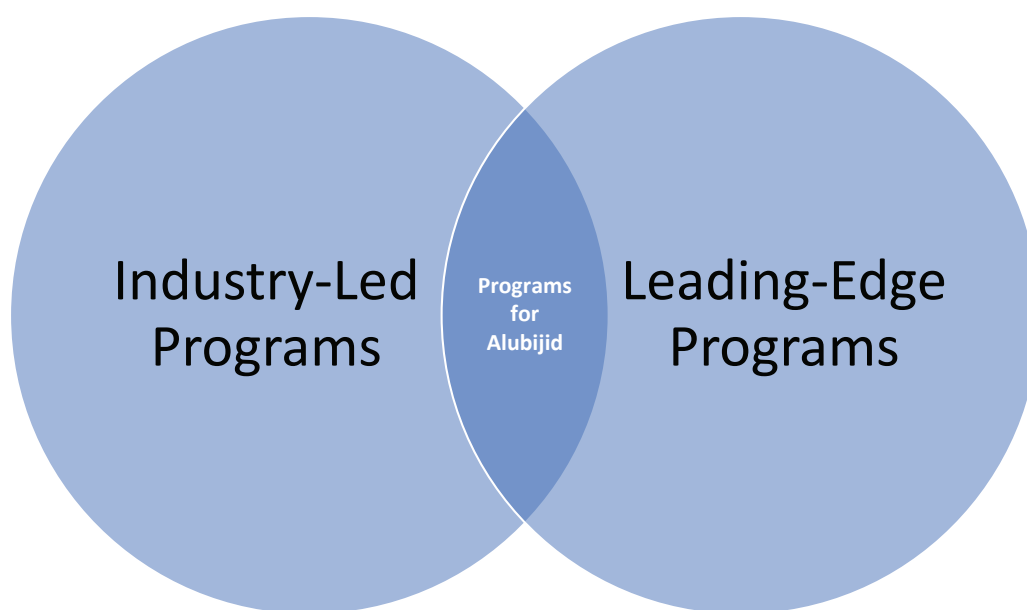


## Proposed Framework for Identifying Techno Park Programs

### *Two Trajectories as Main Assumptions for the Framework*

Following the two key concepts in the USTP vision, the Mindanao Techno Park objectives have two main trajectories:

**1. Industry-Led Programs.** The USTP vision statement, “to provide the vital link between education and the economy,” is translated in the techno park objectives as: to address the poverty issue of Northern Mindanao by narrowing the job-skills mismatch in the region. Initial descriptions of programs following this framework may be anchored on data that shows current regional industry priorities, priorities for both domestic and export markets, industry sector trends, and lists of companies in the vicinity of the campus. The proposed programs within this framework may be labelled as “industry-driven.”



**Proposed Program Framework for USTP Alubijid**

**2. Leading-edge Programs.** The USTP vision statement, “to be a nationally recognized science and technology university” is translated in the techno park objectives as: to develop a pool of world-class scientists and technologists and to open opportunities that would create more economic zones in Mindanao. In subsequent strategic planning sessions, the university has expanded this vision to include the global community so that the last phase of the strategic plan already includes the goal of becoming internationally-recognized. The key word is the “creation” of economic zones, pointing towards what we may label as “leading-edge” programs, or those which do not necessarily depend on current industry/market trends, but will address future job-skills demands. Initial descriptions of programs following this framework may be anchored on data that shows global innovation, industry, and market trends.



## Status Report on the SITE DEVELOPMENT PLANS

PROPOSAL (LEGAL MATTER)	STATUS
<p><b>1</b> Proposed Amendment of Presidential Proclamation No. 739, s. 2004, thereby Converting the “school site purposes” of the Mindanao Polytechnic State College into <b>“Science and Technology Park (S-and-T Park)”</b> purposes” of the University of Science and Technology of Southern Philippines (USTP)</p>	<p>Forwarded and received by the DENR-Regional Office on May 3, 2019. No responses has been forwarded to USTP yet.</p>
<p><b>Proposed House Bills:</b></p>	
<p><b>2</b> “An Act Establishing the <b>Science-and-Technology Parks Development Fund</b> (STPDF) for the University of Science and Technology of Southern Philippines (USTPSP), and Appropriating Funds Therefor.”</p>	<p>Forwarded a copy to Ms. Frances Melanie Mauricio &amp; Cong. Rufus B. Rodriquez, Secretary of CHTE, on May 2019. Both bills will be submitted to senate also.</p>
<p><b>3</b> “An Act <b>Reclassifying as Agricultural</b> a Parcel of Land of the Public Domain Situated at Lourdes, Alubijid, Misamis Oriental, Island of Mindanao, and Embraced in Presidential Proclamation No. 739, dated of November 26, 2004, for the Science and Technology (S-and-T) Park Site Purposes at the University of Science and Technology of Southern Philippines (USTP)”</p>	

## Mindanao Techno Park Development Project Management Committee: Developing the Master Plan

	NAME OF PROJECT	APPROVED BUDGET FOR THE CONTRACT (ABC)	WINNING BIDDER	REMARKS
1	Proposed Procurement for Consulting Services for the <b>Relocation and Topographical Survey</b> of 292 Hectares at USTP – Alubijid Campus	<b>P 3,500,000.00</b>	<b>Alterra Geomatics &amp; Construction</b>	Completed by Dec. 2018
2	Proposed Procurement Consulting Services for the <b>Site investigation Studies and Environmental Impact Analysis</b> at USTP-Alubijid Campus	<b>P 11,800,000.00</b>	<b>Test Consultants, Inc.</b>	For Signing of Contract Agreement
3	Negotiated Procurement under Two-Failed Biddings of the Proposed Construction of <b>Project Management Office</b> at USTP Main-Alubijid Campus	<b>P 6,000,000.00</b>	<b>Brima Construction &amp; Enterprises</b>	For endorsement of BAC Resolution Declaring Single Calculated and Responsive Bid and Recommending Award to Board of Regents
4	Rebidding of the Proposed Procurement for the Supply, Delivery, and Installation of <b>ICT Equipment and Software for 3D Modeling and Rendering</b>	<b>P 1,481,999.60</b>	-	Prebid Conference on August 16, 2019, 2:00 P.M. at the Procurement Services, USTP-CDO

# Php 22.7M

Allotted Budget  
in the last 2 years  
for the  
**MINDANAO  
TECHNO PARK**

## Way Forward

- **Construction of PMO:** Opening of Bids
- **Shortlisting and eligibility check of consultants for feasibility study of the following:**
  - Geotechnical Investigation
  - Road Network (Route Survey)
  - Water Supply System
  - Environmental Impact Assessment
- **Design the 1<sup>st</sup> National Academic Innovation Congress**





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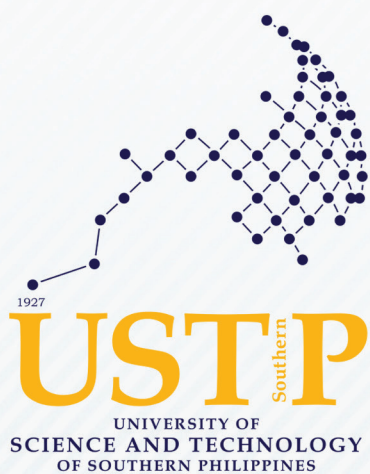
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Alubijid | Cagayan de Oro | Claveria | Jasaan | Oroquieta | Panaon