

Academic Mobility Strategies and Challenges: The T.I.P. Experience

SEAMEO-TSUKUBA Symposium VII

Dr. Cynthia C. Llanes
Vice President for Academic Affairs
Technological Institute of the Philippines
Quezon City

February 10, 2019

Outline

- Brief Introduction of T.I.P.
- The Philippine Government's initiatives along academic mobility
- T.I.P Programs on Academic Mobility
- Challenges of Academic Mobility
- Continuing Improvement of the Process
- Concluding Statement



T.I.P. Quezon City - Anniversary Hall



T.I.P. Quezon City



T.I.P. P. Casal



T.I.P. Arlegui



Vision

In the year 2020, T.I.P. envisions itself to be:

1. a leading professional technological institution in the Philippines through
 - outcomes-based education, and
 - a culture of innovation and continuous improvement, and
2. an institution whose graduates contribute to the welfare of society.

**With more than 1,000 forged
partnerships with academe
(local and international),
industry, and government
agencies**

CHED Memorandum Order
(CMO) No. 5 s. 2016 Policy
Framework and Strategies on
the Internationalization of
Philippine Higher Education

T.I.P Programs on Academic Mobility

1. Home-based
Internationalization
2. Cross border
Internationalization

T.I.P.'S MAJOR CHALLENGE

The lack of financial capacity is a major challenge for outbound faculty members and students of T.I.P..

Majority of T.I.P. students belong to lower economic bracket families and the availability of government funding is very limited.

Thus, only a few can afford to finance an academic mobility activity.

Home-based Internationalization

- a) the alignment of the programs' curricula to meet international standards
- b) integration of international teaching and learning components
- c) conduct of joint research projects with international content
- d) holding of international conferences seminars and workshops, and
- e) the establishment of linkages with international research partners
- f) visiting professors as lecturers

Home-based Internationalization: *alignment of the program curricula to meet international standards*

We got ABET

The **TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES (TIP)**
proudly announces
the **INTERNATIONAL ACCREDITATION** of
EIGHTEEN (18) of its
Engineering and Computing Education programs
by the **US-based ABET**



**"The Global Gold Standard
in Educational Accreditation"**



ENGINEERING PROGRAMS

ACCREDITED BY THE ENGINEERING ACCREDITATION COMMISSION (EAC)
OF ABET (www.abet.org)

TIP MANILA

1. Chemical Engineering (BSCHE)
2. Computer Engineering (BSCpE)
3. Electrical Engineering (BSEE)
4. Electronics Engineering (BSECE)
5. Industrial Engineering (BSIE)
6. Mechanical Engineering (BSME)

TIP QUEZON CITY

1. Computer Engineering (BSCpE)
2. Electrical Engineering (BSEE)
3. Electronics Engineering (BSECE)
4. Industrial Engineering (BSIE)
5. Environmental and Sanitary Engineering (BSEnSE)
6. Mechanical Engineering (BSME)

COMPUTING EDUCATION PROGRAMS

ACCREDITED BY THE COMPUTING ACCREDITATION COMMISSION (CAC)
OF ABET (www.abet.org)

TIP MANILA

7. Computer Science (BSCS)
8. Information Systems (BSIS)
9. Information Technology (BSIT)

TIP QUEZON CITY

7. Computer Science (BSCS)
8. Information Systems (BSIS)
9. Information Technology (BSIT)

The **INFORMATION SYSTEMS** Computing Education programs OF TIP, accredited by
the ABET CAC are the **FIRST IN SOUTH ASIA.**

Home-based Internationalization: *alignment of the program curricula to meet international standards*



Home-based Internationalization: integration of international teaching and learning components



Home-based Internationalization: conduct of joint research projects with international content

T.I.P.s partnership with the California Polytechnic State University (Cal Poly) led to development and design of multiple input single output (MISO) converters and human-powered generators DC House set-up in T.I.P. Quezon City.



Home-based Internationalization: the establishment of linkages with international research partners

T.I.P. And Taiwan's CYCU Partner For 2nd Int'l Workshop On Advanced Technology



Home-based Internationalization: *conduct of international conferences, seminars and workshops*

INTERNATIONAL CONFERENCE ON OUTCOMES-BASED TEACHING AND LEARNING



Home-based Internationalization: *conduct of international conferences, seminars and workshops*



Cross-border education activities

- Benchmarking activities with foreign universities
- Students going abroad for credit mobility
- **Student Exchange through the**
SEAMEO SEA TEACHER PPROGRAM

Cross-border education: *International Benchmarking*

BENCHMARKING ON OUTCOMES-BASED TEACHING AND LEARNING (OBTL) AT CITY UNIVERSITY OF HONG KONG



Cross-border education: *International Benchmarking*

BENCHMARKING
ON OBE
IMPLEMENTATION
IN AUSTRALIA



Cross-border education: ***SEAMEO SEATEACHER INTERNSHIP***



**T.I.P. HAS HOSTED
EXCHANGE STUDENTS FROM
UNIVERSITIES IN THAILAND
AND INDONESIA**

CHALLENGES FOR OUTBOUND STUDENTS

1. Only a few students can afford a self-financed cross-border education activity.
2. Security risk is another barrier for students who are deployed as interns in foreign countries that are susceptible to manmade and natural calamities.

CHALLENGES FOR INBOUND STUDENTS

- Language barrier became a major problem when a group of exchange students had difficulty communicating using the English Language.
- Gender issue is another constraint because T.I.P. has no facility for mixed gender housing. Students of different genders cannot be accommodated within the same apartment. Therefore , we can only accommodate a group of exchange students of the same gender at a time.

Some T.I.P.Implementation Guidelines

1. Language and cultural preparation of exchange students : Mandatory session on English Conversation and Orientation on Filipino Culture
2. Dedicated student buddy to mentor the inbound students
3. Assigned faculty mentor to look after each of the interns

CLOSING STATEMENTS

The T.I.P. students participation in the SEA teacher program opened opportunities for local and international employment with attractive compensation packages

T.I.P. commits to positively respond to improvement opportunities raised through assessment and evaluation results, formal internal monitoring, and external reviews.

T.I.P. shall continue to explore possible sources of funds to allow more student participants in the SEA TEACHER Program, to further improve the SEA Teacher program's implementation at T.I.P. , and expand its cooperation with international partners with the end-in-view of strengthening student competence and enhancing academic learning and excellent performance through academic mobility.