



NHA TRANG UNIVERSITY

# NEWSLETTER

Quarter 3, 2018

No 26

*The new academic  
year has begun!*

**NTU'S** *50<sup>th</sup>*  
**ANNIVERSARY**

***CO-ORGANIZATION OF A SERIES OF SEMINARS  
ON FISHERIES***

*SIGNING COOPERATION AGREEMENT  
with VINTECH (VINGROUP)*

Phan Thi Ngoc Phuoc - NTU's valedictorian in the admission in 2018

(Photo: Duong Ngoc Thao)



## *Mission*

To train highly qualified manpower, carry out research and technology transfer, and provide services in various areas to meet the demand of socio-economic development, with fisheries as the major strength.

## *Vision*

To become a prestigious university in training, research, and technology transfer, a leader in Southeast Asia in fisheries science and some selected areas in marine economy by 2030.





HỘI CHỦ NGHĨA VIỆT NAM MUÔN





# NTU'S 59<sup>th</sup> ANNIVERSARY



NTU's Rector presented scholarships for valedictorian and salutatorian in the admission in 2018

Nha Trang University (NTU) has been developing continuously over 59 years in terms of training, research, human resources and international cooperation in both quality and quantity. Moreover, in April, NTU was honored to receive the certificate of quality assurance for the second time (first time in 2009). This achievement is due to our staff's solidarity and effort.

On this occasion, the Rector also called for actions and resolutions from all

staff members on the occasion of the 60<sup>th</sup> Anniversary coming up next year. Plans will focus on four main aspects: Enhancing political thinking and setting up better administration; Innovating and improving training and research quality; Improving human resource capacity, quality assurance and services; Enhancing the spiritual life, solidarity of staff through cultural activities, arts and sports.

*October 2, 2018: NTU celebrated our 59<sup>th</sup> Anniversary and Opening ceremony for the Academic Year 2018-2019. More than 2,000 freshmen, staff members, and partners attended the ceremony.*

## A PILOT PROJECT FOR PLANTING TOMATOES USING INTERNET OF THINGS (IOT)

In a collaborative project between NTU and Valley Campus Japan, NTU will pilot the planting of tomatoes using Japanese IC sensor technology on an area of 50m<sup>2</sup>.

A greenhouse with cultivating medium and a sensory system to monitor environmental conditions has been built to serve the pilot project. It is expected that after 5 months, based on data analysis results of tomato quality as well as the operation of IoT system, the project will be implemented on a larger scale of 1,000m<sup>2</sup>.

## BUILDING INTERNATIONAL RESEARCH NETWORK TO DEVELOP AQUACULTURE PRODUCTION TECHNOLOGIES FOR SOUTHEAST ASIA

The project is being funded by Japan for the next three years (2018-2020), it aims at building and developing a network of research, training, sharing of research results, technical assistance and staff exchanges in the field of aquaculture among the countries of Southeast Asia and Japan. The project has five Southeast Asian members: Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

NTU and the Research Institute for Aquaculture No.3 (RIA3), two Vietnamese members, will carry out research on reproductive biology and production of slipper lobster (*Thenus orientalis*) with the support in terms of researchers and technology from TUMSAT and Hiroshima University (Japan).

## SCIENTIFIC PRODUCTS: *Dataweigh system*

A Dataweigh system, designed by the Faculty of Mechanical Engineering, is a smart automatic system that helps to weigh food and divide it into combinations based on a set value.

The system has 18 or 24 independent weighing stations to weigh the product and its volume, which are transmitted to the controller. Based on the combined algorithm, the controller calculates the position of the scales that should be pushed so that the number of scales and the total volume of scales are exactly at the set value. Products of each package will be grouped so that the staff can easily collect them. At a time on the conveyor,

there can be more than one package with a gap between the packages.

With 18 stations, the system allows 35 weighing times per minutes (50 times/24 head scales). The system helps to reduce the waiting time of the product, thereby reducing the damage and retaining the original product quality.

The system is currently being used by the Indian Ocean Co., Ltd., (a member of Nam Viet Group - one of the largest corporations on culturing, processing and exporting catfish in Vietnam) and is expected to be used by other plants of the Nam Viet Group.







## CO-ORGANIZATION OF A SERIES OF SEMINARS ON FISHERIES

*NTU co-organized and participated in a series of seminars on fisheries within the framework of the Vietnam International Fisheries Fair 2018 (Vietfish 2018).*

Nine seminars on latest hot topics were presented by 27 experts and researchers from 9 countries. The topics include: sustainable aquaculture, trends in fisheries supply and demand, impacts of trade war on fisheries, sustainable labor employment, social insurance, IUU fishing, climate change, as well as modern research and technology application.

Delegates from NTU presented the following reports: Impacts of climate change on fisheries in Vietnam: some recommendations for adaptation strategies and sustainable fisheries management; Effect of climate change on fisheries, aquaculture sectors and adaptation strategies-Lessons learnt from European countries; Pangasius positions in developed countries and the strategic choice for long-term development; Productivity and efficiency of pangasius production in comparison with European salmon, seabass and seabream; Consumers' preference on innovative and value-added seafood products.



*Vintech Technology Development Joint Stock Company (belongs to Vingroup) has just launched one of the main three targets of development in the field of technology.*

*Vintech will focus on artificial intelligence (AI), software production, and raw materials in the new era. The cooperation agreement between NTU and Vintech will focus on four areas:*



## Signing cooperation agreement with **VINTECH**

1

### Grant funds for research projects

The Fund for Scientific Research - Applied Technology founded by Vintech will be used for implementing scientific projects in the field of computer science, artificial intelligence, robotics, automation, nano technology, renewable energy, new materials, and purchasing patents to apply to production.

2

### Exchange and sharing of experiences between professors, researchers, and students

To create a playground for lecturers and researchers to share information and experience; Assist on training, supporting students to access the latest information about big data, artificial intelligence, biotechnology, and physical technology.

3

### Cooperate in teaching and sharing of knowledge

To connect and attract top lecturers and researchers in the region and the world to jointly develop a number of curricula in order to provide opportunities for students to access elite global knowledge.

4

### Provide highly qualified human resources

To coordinate the training of long-term highly qualified human resources based on practical demand; Offer NTU's students job opportunities at Vintech and other companies in the Vingroup.

## WORKSHOP ON "ENGAGEMENT IN EMPLOYABILITY, BUILDING AND LEVERAGING PARTNERSHIPS FOR SUCCESS"

*This training course, which is an activity of the V2WORK project "Strengthening the Capacity of the Vietnamese Higher Education System to Improve Employability and Entrepreneurship", took place at NTU from July 2 to July 4, 2018.*

More than 30 delegates from the project's members from Spain, Portugal and Vietnam (eight universities, VCCI, AIESEC Vietnam) worked on topics: Networking: commitment of the parties to the successful

development of Career Service Center; The role of the stakeholders and their contribution to the development of the Career Service Center; Challenges and opportunities for the stakeholders when joining the network; How to establish and

maintain a network with different stakeholders to support a Career Service Center; How the Career Service Center can contribute to the development of the labor market: experience from Portugal and Spanish universities...



## *Meet the delegations from* **NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY OF KAOHSIUNG, TAIWAN** **UNIVERSITY OF ULSAN, KOREA** **and CONSULATE GENERAL OF CANADA**



*In August and September, NTU met and worked with a delegation from the University of Ulsan (UOU), the National University of Science and Technology of Kaohsiung, Taiwan (NKUST) and the Consulate General of Canada to Vietnam and representatives from Canadian universities and colleges.*

A number of cooperative orientations between NTU and NKUST have been proposed such as Chinese language teaching, student exchange programs (NTU's students will attend summer camps at NKUST and NKUST's students will have an internship at NTU), graduate training, cooperation in electrical and mechanical engineering industries. As a result, the two universities have agreed to resign the MoU.

In the meeting with UOU, UOU's representatives expressed their hope to receive exchange students who wish to pursue graduate degrees in English in programs such as shipbuilding, materials and mechanics. These programs have policies to support students such as free tuition for international students, scholarships (minimum of \$ 600 per month) for masters' students and higher scholarship for PhD students. The two universities agreed to re-sign

the MoU which was originally signed in 2013 to promote cooperation activities such as joint training in some graduate programs, student and faculty exchanges, and co-organization of international seminars.

Working with a delegation from the Consulate General of Canada to Vietnam and representatives from Canadian universities and colleges, NTU suggested developing joint training programs in tourism, foreign languages, and joint research in fisheries. Atripartite cooperation with tourism and hospitality enterprises in Nha Trang was also proposed. The Consulate General acknowledged NTU's recommendations and promised to help transfer them to Canada's colleges and universities. In addition, the Consulate General will assist NTU in organizing seminars for study abroad in Canada. The Government of Canada awards many scholarships to Southeast Asian students at undergraduate and graduate levels on the basis of a cooperation agreement between partners.





## Commencement of a new academic year!

*The new academic year 2018-2019 has begun. This academic year, NTU welcomes over 4,000 students to study in 48 programs. The students were assisted in completing admission procedures, taking part in orientation week and have started their first semester at NTU.*

*On October 2, 2018, all freshmen attended the 59<sup>th</sup> Anniversary and Opening Ceremony of the AY 2018-2019. At the ceremony, the new students learnt about the University's history and achievements, expressed their aspirations as well as received scholarships from the university and other businesses.*



*Freshmen in the opening ceremony of the AY 2018-2019*

## NTU: TOWARDS APPLYING PROFESSION - ORIENTED HIGHER EDUCATION

**I**n July, more than 100 lecturers attended the workshop on designing training programs titled "Towards applying profession-oriented higher education" (POHE) presented by Assoc. Prof. Dr. Pham Thi Huong (POHE specialist).

**T**he workshop focused on clarifying the main contents of POHE in the context of Vietnamese

higher education as well as learning about the POHE application in some universities. Through discussion, the NTU's POHE Board proposed solutions to implement POHE in training, including making a detailed plan for completing and implementing the POHE for some programs which were planned and developing policy to aid implementing the POHE.





## NTU GRADUATE STUDENTS PARTICIPATE IN ILP SUMMER SESSION 2018 AT KAGOSHIMA UNIVERSITY, JAPAN

Three NTU graduate students received scholarships to attend the summer session exchange program – an activity of Master Program on Tropical Fisheries with International Linkage (ILP) within the framework of a cooperation agreement between NTU and Kagoshima University.

During their studies at Kagoshima University, the participants learnt about aquaculture, fisheries resource sciences and aquatic sciences as well as experimented with the latest analytical and experimental methods in the laboratories under the guidance of professors from Kagoshima University. In addition, students had chances to explore the beauty of Kagoshima city and learn about culture and lifestyles in Japan with friends from different countries.



## OPPORTUNITY TO LEARN PROGRAMMING FOR FREE AND FIND JOBS IN JAPAN



NTU's Rector and the leaders of departments discussed with Mr. Pham Van Thinh, founder of Coders.Tokyo, a community of free programming learning through Youtube to implement the learning program for students and staff members.

The opportunity that Coders.Tokyo offers to its learners is a completely free programming course based on video lectures on their official channel on Youtube. Through these videos, learners will learn basic and advanced programming, practice doing projects, and improve both their working and foreign language skills (English, Japanese). After completion of the program, learners can make their own websites and mobile applications. Thus they can apply for jobs themselves or be introduced by Coders.Tokyo and partners to work in Japanese companies.

Presently, with the approval and support from NTU leaders, the project is working on its first activities at the university.

## THE US CONSULATE INTRODUCE SHORT-TERM FULL SCHOLARSHIP PROGRAMS

More than 100 NTU's students participated in the information session of the US Government scholarship for Vietnamese students held by the US Consulate.

The students were given detailed information on studying in the US, its education system, preparation

for applying for scholarships, especially information of full short-time scholarship programs for students, such as the UGRAD and YSEALI programs which offer students the opportunity to experience culture and student life in the US.



## Students' summer **COMMUNITY ENGAGEMENT**

*As a routine, 70 volunteers participated in the annual Summer Volunteer Campaign in 2018 held by NTU's Youth Union. They carried out more than 20 meaningful projects in disadvantaged communities in Phu Yen and Khanh Hoa provinces.*



**I**n Van Son Village of Cam Lam Commune, Khanh Hoa province, the volunteers built things such as a community education area of 4,500 m<sup>2</sup>, repaired community houses, built parks and playgrounds for children, volleyball courts, bookcases and closets.

**I**n Phu Hai Village, Phu Mo Commune, Phu Yen province, the volunteer teams built a concrete road

of 1,000 meter long with a lighting system, a water tank, and a waste incinerator.

**M**oreover, the volunteers also brought joy to the people and children by their visits with their warmth, encouragement, gifts and musical performances. Those actions left unforgettable memories in the hearts of the people in the community.



The "What does the Youth of the 4.0 era need and how can one be a 4.0 citizen?" program was organized by NTU and Funix Online University. Speakers, IT experts from FPT Software, FPT Telecom, and TinhVan Group, provided over 400 staff members and students with new insights into the impact of technology 4.0 on all aspects of social life, especially in the fields of medicine, automation, smart financial solutions, and transportation. They also shared about career orientations for the youth in the new era. The program has been newly implemented at five universities and will continue to take place at 13 other universities nationwide.



## *Student job fair*



To help students find job opportunities right after graduation, on September 22, 2018, The Center for Business Relations & Student Support organized the 2<sup>nd</sup> Career Fair in 2018.

1<sup>5</sup> businesses operating in various industries participated in the fair. 600 students attended and turned in their applications. This time, besides partners in banking, business administration, seafood processing, and tourism, there was an increase in the number of businesses in electronic and electrical and chemical technology companies, attracting a lot of candidates. In addition, students also had the opportunity to experience new products in the field of information technology displayed in the fair.

## *Five NTU students receive Vallet Scholarships*

Five students, namely Tran Minh An (58.CNNL), Tran Tan Phuoc (57.CNXD-2), Le Thi Kieu Oanh (57.CNMT-2), Huynh Nhat Trung (58.DDT-1), Vo Xuan Vuong (57.CNTT-2) were awarded the Vallet scholarships (17 million VND/each) by "Meetings of Vietnam" (Rencontres du Vietnam) organization. The scholarship funded by a French Professor Odon Vallet.

This scholarship is granted to Vietnamese students who overcome disadvantaged living situations to study well and get high grades. This year, 179 scholarships were granted to students in the Central Highlands, Ninh Thuan and Khanh Hoa province. The award ceremony took place in Lam Dong province on September 3, 2018.



## Institute of Aquaculture: COOPERATION WITH BUSINESSES IN THE MEKONG DELTA

Ten companies/agencies with which the Institute has cooperation are Viet Hoa Seafood Feed Co., Ltd, Grobest Industrial Vietnam Co., Ltd, SAGOPHAR Veterinary Medicine Co., Ltd, Thang long, Tongwei Vietnam Co., Ltd, Vietnam Australia Group, Minh Trang Co., Ltd, Bayer Vietnam Co., Ltd, Kien Giang Department of Agriculture and Rural Development and National Defense Economic Department 915 (Kien Giang). The cooperation will help support students through internships and recruitment. In addition, these companies will contribute by giving valuable feedback on the curriculum, sharing experience and providing consultations for career orientation for students, conducting research and technology transfer in aquaculture.



## NTU Faculty attend the International Summer Camp in Taiwan

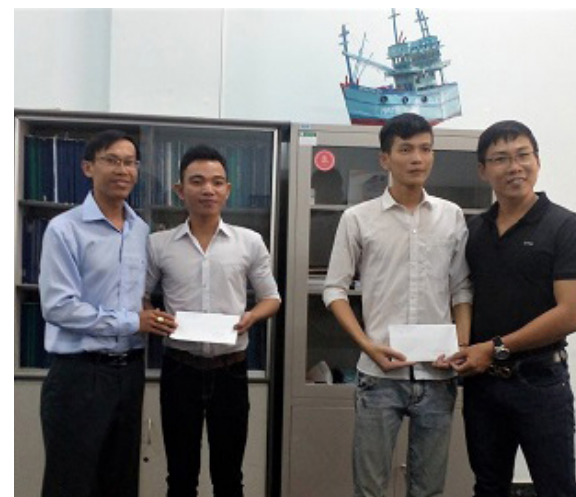


From July 2 to 11, 2018, a delegation from the Faculty of Electrical and Electronic Engineering joined the International Summer Camp organized by the Institute of Electrical and Computer Science, National Kaohsiung University of Science and Technology (NKUST, Taiwan) and discussed collaboration opportunities between the two universities. At the camp, the faculty members and other international students participated in courses on optimization techniques, information systems, wireless sensor networks, digital image processing techniques and machine learning presented by professors of the Department of Electrical and Electronic Engineering, NKUST. They also had chances to visit the laboratories and facilities of NKUST and took part in extracurricular activities to experience Taiwanese culture.

## NTU Alumni in Vung Tau city award scholarships to students

In July, representatives of NTU Alumni association in Vung Tau City returned to NTU and awarded two scholarships (worth VND 11 million/each) to two students of the Faculty of Transportation Engineering and Faculty of Mechanical Engineering for their high achievements and overcoming living challenges.

NTU Alumni in Vung Tau City was established 15 years ago and regularly grants scholarships to students of the Faculty of Transport Engineering. Moreover, they support students with internships, employment and career orientation.







# The 4<sup>th</sup> Vietnam - Taiwan International Conference on *“Advanced Mariculture Technology”* December 11-12, 2018

Discuss and evaluate the current situation, potential and development strategies for advanced technology mariculture in Vietnam and Taiwan.

1

Create a forum for Vietnamese and Taiwanese scholars to exchange scientific research information on seed production to cater for the development of high-value aquaculture products in each country.

2

Introduce the latest technologies on advanced mariculture for high-value aquaculture products to scholars, businessmen, and policy makers

3

Promote collaborative research opportunities, investment and technology transformation

4