



NEWSLETTER

NHA TRANG UNIVERSITY

NTU students back to school after Covid-19 break

With lots of activities

The 2nd
quarter
2020





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.



NTU'S FOOTBALL TEAM

WON THE CHAMPIONSHIP

- HD Bank Futsal Tournament for Students 2020 -

HDBank Futsal National Championship 2020 and Futsal for students 2020 took place from June 1 to July 5, 2020 at NTU. This is the second time that NTU has been chosen to host the tournament.

Twelve teams have competed in the qualifying round from June 1 to June 12, 2020 and compete for the first leg from June 14 to July 5, 2020

at NTU gymnasium. The second leg will take place from September 5 to September 26, 2020 at Lanh Binh Thang Stadium (Ho Chi Minh City).

Besides, the Futsal for students 2020 were also held at NTU with participants from NTU, Ba Ria - Vung Tau University, Da Lat University, University of Information and Communications, University of Pacific

Ocean, Ton Duc Thang University, Nha Trang College of Tourism, Nha Trang National College of Pedagogy and University of Agriculture and Forestry, Ninh Thuan Branch. After competitive rounds, NTU student football team won the championship, the team of Nha Trang National College of Pedagogy won the runner-up and the third prize belonged to Da Lat University.

ECOWEEK 2020 at Nha Trang University

The Ecoweeek 2020 was held at NTU within the framework of the project "Replication and integration of innovative approaches of ecological movement into activities of universities in 2018-2020", which is co-organized by the Center for Community and Environmental Initiatives (C&E) and universities under the sponsorship of Rosa Luxemburg Stiftung Institute, Southeast Asia Regional Office (RLS).

Ecoweeek 2020 with the theme "Water and Energy Footprint in Tourism" includes two main activities: "Eco-space" and "Eco-lecture". "Eco-space" includes projects introduction activities from teams, groups and social enterprises in the city; as well as seminars with the participation of young people who have had certain

Ecoweeek 2020 "Water and energy footprint in tourism" took place at NTU from July 2-6, 2020.

success in the field of environment and NTU students. While "Eco-lecture" consists of training courses, fieldtrips, project-building skills session for 50 students.



NTU has 5 more **ASSOCIATE PROFESSORS**

On June 4, 2020, NTU announced and awarded decisions of the State Council of Professors to recognize titles of associate professor in 2019 to 5 lecturers.

The five new associate professors of NTU include Assoc. Tran Hung Tra (Mechanical Engineering), Assoc.Prof. Nguyen Van Tuong (Mechanical Engineering), Assoc.Prof. Nguyen Thi My Huong (Food Technology), Assoc.Prof. Le Chi Cong (Economics), Assoc.Prof. Quach Thi Khanh Ngoc (Economics).



On June 11, to celebrate 110th birth anniversary of the marine scientist Jacques-Yves Cousteau, more than 200 delegates, lecturers and students participated in the seminar co-organized by the Vietnam Association of Shipbuilding Science and Technology and NTU.

Jacques-Yves Cousteau is a famous French marine scientist who has devoted his life to researching, discovering and protecting the marine environment. He invented the breathing apparatus named Aqua - Lung for the diver in 1943. His discoveries helped people around the world to better understand the sea and particularly inspired further researches on the sea, therefore gaining

WORKSHOP TO CELEBRATE 110th BIRTH ANNIVERSARY OF THE SCIENTIST JACQUES-YVES COUSTEAU

achievements in marine science. At the seminar, the participants reviewed the life and meaningful contributions of Jacques-Yves Cousteau.

Besides honoring Jacques-Yves Cousteau, this workshop also aims to connect organizations and universities related to marine science. Accordingly, inspiring students as well as sea lovers, researchers to have specific studies and actions, contributing to protection of the sea and promoting the potential of the sea in the coming time.

“ZERO-DONG MARKET” *to support students*



A “zero-dong market” was organized by NTU Youth Union and Students Union in order to support students when they returned to school after Covid-19 break. This free market was sponsored by businesses as well as individuals and departments in the university.

This market offered many essential items such as rice, shrimp noodles, spices, household appliances, school supplies, facial masks, milk, bread, vegetables

... Students could buy these products free of charge. The market opened at 7:30 and ended at 10:00 pm in 3 days from May 25 to 31, 2020. Each student received a voucher worth VND 30,000 to buy items. The items offered at the market were selected according to student’s needs. Besides, at the market, students were also given tickets to have meals at the canteen for free. It was estimated that about 300 students coming to this market a day.

Assoc.Prof. Nguyen Thi My Huong - Head of Department of Post-Harvest Technology, Faculty of Food Technology, NTU has successfully researched obtaining hydrolyzed protein from pangasius bone and its application in production of fish sauce. The research is basis for deploying fish sauce production from pangasius by-products on an industrial scale, contributing to limiting environmental pollution, creating a new type of high-valued fish sauce product.

can be utilized to produce hydrolyzed protein. This high nutritional hydrolyzed protein from pangasius by-products can be applied in fish sauce production, becoming potential substitute materials for anchovies and scad which are more expensive and continued to decline in quantity.

The results of the project showed that the combination of two enzymes Alcalase and Flavourzyme to hydrolyze pangasius by-products created a hydrolyzed protein with good organoleptic and chemical quality, which

pickled) anchovy container in natural conditions for 8 weeks to create a delicious taste and typical color for the fish sauce.

The research result showed that fish sauce produced from pangasius by-products met the organoleptic, chemical and microbiological criteria according to Vietnamese standard TCVN 5107-2018. The sauce is reddish-brown, pure with typical smell and sweet taste. It has no impurities and strange smell. According to Vietnamese standard TCVN 5107-2003, the fish sauce produced from pangasius by-products is classified top ranking.

PRODUCING FISH SAUCE from pangasius by-products

Pangasius processing industry has created a huge amount of by-products including: head, skeleton, viscera, skin, fins, shred..., which easily pollute the environment. Meanwhile, the pangasius head and skeleton contain a rich source of protein, which

can absolutely be used in fish sauce production. The hydrolyzed protein from pangasius by-products is supplemented with salt at a rate of 25%, then it is incubated in brined (salt-



EXTRACT CALCIUM FROM TUNA BONES AND ITS APPLICATION IN COOKIES

This is the research project that won the Third Prize of the National Scientific and Technical Research Contest for Secondary and High School Students. The project was conducted by student Trinh Hoang Long - Nguyen Van Troi High School under the guidance of Assoc.Prof. Huynh Nguyen Duy Bao - Faculty of Food Technology, NTU.

Khanh Hoa owns a large amount of tuna, and by-products from tuna processing, especially bones is majority. Tuna bone is also a great source of calcium in the form of hydroxyapatite (which can be absorbed into the human body). Tuna bone wastes have not been used effectively, (mainly used as low-value products such as fertilizer, animal feed) while the need for calcium supplementation of humans is huge.

The research project carried out experiments to investigate the conditions for extracting calcium from tuna bones by hydrolysis with NaOH at appropriate concentrations in order to reduce the time and temperature to obtain calcium preparations in natural form (hydroxyapatite) with high purity, nano size. Therefore, it is easy to apply in small-scale production, minimizing environmental pollution. At the same time, the conductor tested using extracted calcium as an additional ingredients of cookies, creating a calcium supplement food for children to the olders.



FACTORS AFFECTING THE DEVELOPMENT OF

Marine Tourism



The university conference with the theme “Factors affecting the development of marine tourism” organized by the Tourism Faculty has attracted tourism businesses and numerous lecturers and students to participate.

Participants listened and criticized issues such as factors affecting the development of marine tourism on a local, regional and international perspectives; specific types of tourism and destination management; tourism towards environmentally friendly, maintaining the value of traditional cultural identity; the impact of tourism development on the local community and the social responsibility of tourism businesses. In particular, research

issues are placed in a new context of the Covid-19 pandemic and a drastic change in consumption trends, particularly in awareness of environment protection and responsibility tourism to the local community.



Organizing Ship model and Eco-car Racing and Logistics Quiz Contest

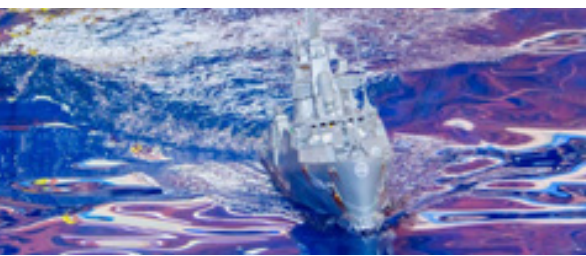
On July 3, 2020, the Faculty of Transportation Engineering, NTU organized a series of competitions for students including: Quiz Contest on Logistic Services, Ship model and Eco-car Racing. A series of competitions were organized to promote a strong movement of doing research among students.

The Logistics Contest is an extracurricular activity that aims to create a professional and creative environment for students from Marine Science program. The contest took place with three rounds including many quizzes related to Maritime Management, Logistics, Seaport, etc.

contest. Ship models are made from steel, aluminum, stainless steel, composite and those models were marked by judges. In the racing part, the teams must overcome 3 challenges, including speed racing, ship controlling, and ball dragging.

At the Ship Model Competition for students from Ship Engineering, teams of contestants designed and built their own ship models and participate in a racing

Last but not least, eco-cars made and driven by students impressed audiences with creativity. The teams performed tests including: Driving forward in the shape of zigzag; Driving over obstacles; Saving fuel.



On June 10, 2020, a delegation led by Prof. Hsu Hui Huang - Head of Science and Technology Department - Taipei Culture and Economic Office (TCEO) in Vietnam paid a visit to NTU and had a meeting with the university's leaders.

At the meeting, NTU introduced the university and its cooperation programs with partners in Taiwan, as well as the outstanding scientific research and technology transfer activities that the university is carrying out. NTU could strengthen cooperation with Taiwan partners through the connection of the TCEO in Vietnam in such areas as scientific research, technology transfer, researchers and lecturers exchange at NTU, joint-graduate programs, seminars co-organization with partners and experts from Taiwan and Southeast Asia.

Regarding the cooperation in student training, the representatives of TCEO in Vietnam supports providing information about governmental scholarship programs such as the TEEP (Taiwan Experience Education Program)

MEETING WITH TAIPEI ECONOMIC AND CULTURAL OFFICE IN VIETNAM



to facilitate foreign students to study and research for 2 months in Taiwan. At the same time, the TCEO in Vietnam also gave some suggestions that NTU can refer to increase the scale and effectiveness of organizing scientific seminars.

NEW MoUs IN THE SECOND QUARTER OF 2020

In May and June 2020, NTU signed cooperation agreements (MoU) with Taiwan universities to enhance cooperation in training, research, and lecturer /student exchange, including:

- 1 Wufeng University
- 2 Feng Chia University
- 3 National Chiayi University
- 4 National Pingtung University

DISCUSSING WITH THE DELEGATION OF THE EDITORIAL BOARD OF LOGISTICS REPORT 2020

Both sides discussed the recent demand for human resources in the field of logistics in the southern central coastal provinces and the university's issues in logistics training such as organizational structure, teaching staff, facilities, advantages, difficulties and cooperation with other universities in logistics training.

The members of the editorial board of the logistics report 2020 approved the university's orientation towards specialized training in logistics with the direction of balancing technical and service elements in the training program. It is essential that NTU could build this program to meet the human resource needs in the region.

The members of the editorial board also provided comments on the university's plan to carry out this specialized training such as adding the general subjects of economics to the training program in order to give students a background in economics, thereby easily accessing specialized subjects in logistics; adding more modules on other forms of transport besides marine ones. The development of logistics training programs should also be conducted on the basis of matching the manpower needs of enterprises and organizations operating in this industry.

Currently, NTU is developing a specialized training plan for Maritime Management & Logistics Services, with the content of 50% Maritime Technical Management and 50% Maritime and Logistics Services. The objective of this training program is to train human resources working in the logistics industry who are competent in terms of technique, management and services. The orientation to open this training program is considered necessary and appropriate, meeting the high demand for logistics human resources in the South Central region and nationwide.





Two programs: Seafood Processing Technology and Ship Engineering are granted quality accreditation certificates

June 4, 2020: NTU received the certificate of quality accreditation from Center for Education Accreditation – Viet Nam National University Ho Chi Minh City for two training programs: Seafood Processing Technology and Ship Engineering. These are the two traditional programs of the university from the early time of establishment.

Preliminary evaluation of these two training programs were conducted by the experts on September 5, 2019 and the official evaluation was on September 16-19, 2019. Evaluation activities included: checking documentation, interviewing related groups, surveying infrastructure, observing teaching-learning activities, etc. The two training programs satisfied 92% of criteria, assessed by the accreditation council. Previously, these two training programs were self-assessed by the University based on a system of 11 standards and 60 specific criteria as prescribed by the Ministry of Education and Training.

The implementation of quality accreditation for training programs has been recognized and invested in by NTU, demonstrating the University's responsibility to society, ensuring rights for learners. Participating in quality accreditation also contributes to ensure training quality standards, creating motivation for continuous, systematic improvement of quality. For learners, the quality accreditation for training programs will be a useful base in choosing the appropriate field of study, choosing the right school, and ensuring the quality of learning.



May 23, 2020: More than 110 students of advanced programs participated in the dialogue with leaders and lecturers of NTU.

Many questions and concerns about modules, clubs, extracurriculum activities, scholarships, and facilities were recorded and explained. Students expressed their desire to participate in more practical lessons, field trips to get more soft and professional skills.

The advanced programs were well designed and

prepared for a long time before officially recruiting students. Students will have opportunities to be taught by experienced lecturers and easily to get valuable scholarships. Therefore, students should prepare themselves with critical thinking, foreign languages, and general knowledge to comprehend lectures to grasp scholarships and good jobs.

DIALOGUE WITH STUDENTS OF ADVANCED PROGRAMS

- The advanced programs of NTU include two Profession-Oriented Higher Education (POHE) Programs in Information Technology and Hospitality Management and one Vietnamese-English Bilingual program in Business Administration. From 2020, one more advanced program in Accounting will start to recruit students.
- Advanced programs also offer a variety of different experiences for students compared to others programs such as being taught by highly qualified and experienced lecturers, studying and doing research in good facilities, having the opportunity to study abroad and participating in domestic and international research projects.
- Many modules taught in English and bilingual English-Vietnamese, longer duration of practical lessons and internships at businesses, being offered jobs after graduation.
- The programs are operated under a close cooperation between the University and businesses. Graduates will have enough capacity to work immediately or can continue their graduate study at advanced universities at home and abroad.

Enrollment target

3.500

*Freshmen for the
AY 2020-2021*

**With a nationwide enrollment range,
NTU will accept admission forms based on:**

- ❶ SCORES OF NATIONAL HIGH SCHOOL EXAMINATION IN 2020;
- ❷ GRADES OF HIGH SCHOOL STUDY;
- ❸ SCORES OF THE COMPETENCY ASSESSMENT EXAMINATION THE OF VIET NAM NATIONAL UNIVERSITY HO CHI MINH CITY IN 2020;
- ❹ PRIORITY ADMISSION BY REGULATIONS OF THE UNIVERSITY AND OF THE MINISTRY OF EDUCATION AND TRAINING

2020 is the first year that the University has applied the direct admission method for candidates of more than 80 gifted high schools in the country and top 50 high schools having the highest national examination scores from 2017 to the present.



FIND OUT MORE DETAILS AT THE WEBSITE

<https://tuyensinh.ntu.edu.vn/>

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PRESENTING CERTIFICATES AND AWARDING SCHOLARSHIPS TO STUDENTS ATTENDING A TRAINING COURSE ON SAP BUSINESS MANAGEMENT SOFTWARE

After the SAP training course was completed, NTU held a ceremony to award certificates and scholarships to students attending the course sponsored by Vintech Technology Development Joint Stock Company.

The ERP/SAP training course was conducted under the framework of a cooperation program between NTU and Vingroup. In 2019, three lecturers of Faculty of Economics participated in the training courses on SAP software application. Vintech City sponsored lecturers and students to use SAP software in teaching and learning in the 2019-2020 AY. About 40 students of the Faculty of Economics studied SAP. In the coming time, the University is expected to continue implementing the SAP application in subjects related to business, management, accounting, auditing, informatics, etc.



At the ceremony, the University awarded five scholarships to students with the highest average grade of the class, each scholarship worths VND 2,000,000.

SAP (System Application Programing) is an enterprise management software developed by German SAP company. SAP combines the main business functions of an organization. The functional modules of SAP include: Human capital management (HCM), Production planning (PP), Materials management (MM), Project system (PS), Sales and distribution (SD), Preventive Maintenance (PM), Financial Accounting (FI), Quality Management (QM), Control (CO) ...

Manufacturing and Giving **AUTOMATIC HAND SANITIZER DISPENSERS**

In order to raise people's awareness of hand washing, ensuring personal hygiene to prevent diseases, NTU offered nearly 60 automatic hand sanitizer sprayers that are designed and manufactured by lecturers - students to units and schools in Khanh Hoa and Phu Yen provinces.



*A*utomatic hand sanitizer sprayer is designed and manufactured by lecturers - students of NTU. This device works automatically, when users put their hands under the spout of the machine, the sensor will recognize and activate hand sanitizer liquid to automatically flow out, users do not need to touch anywhere on the machine, thereby helping hand washing process safer, minimizing the possibility of cross infection.

*F*orming ideas from the end of March 2020 - when the situation of Covid-19 epidemic was complicated, the first automatic hand sanitizer sprayer created by lecturers - students of NTU promptly met the needs of hand washing, preventing epidemics in the university. With the desire to share the useful and innovative machine to people, lecturers and students of NTU continued to research, improve functions and the appearance of the machine to make it easy to install, convenient in use and maintenance to offer to receivers.

*P*reviously, NTU also built and offered rice ATM to the Khanh Hoa Red Cross and Khanh Hoa Provincial Youth Union to serve charity rice to people during the Covid-19 pandemic.



RESPONDING TO PARTY CONGRESSES AT ALL LEVELS AND THE 13TH NATIONAL PARTY CONGRESS



UPCOMING EVENTS



1. Nha Trang University's Party Congresses, period 2020-2025 (August, 2020)
2. Nha Trang University's 61th Anniversary (August 1st, 2020)
3. Training course on proposal writing for international funding (August 22, 2020)



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