

# NEWSLETTER

NHA TRANG UNIVERSITY

2<sup>ND</sup> QUARTER, 2024



65  
*Years*

*“Sail to  
wisdom”*

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ABOUT NHA TRANG UNIVERSITY**



# NHA TRANG UNIVERSITY RATED 5-STAR ACCORDING TO UPM BENCHMARKING SYSTEM



## Nha Trang University Viet Nam



Having carefully verified and meticulously analyzed the university's performance metrics following UPM methodology, UPM Innovation Institute has rated **Nha Trang University, Viet Nam** as a 5 Stars teaching intensive institution.

2024  
APPLIED UNIVERSITY

Delivery date: 15th July, 2024  
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On July 15, 2024, the UPM Institute for Innovation announced the benchmarking results of Nha Trang University (NTU) based on UPM's standards, which include 8 criteria and 52 indicators. NTU achieved an overall score of 763/1000 points, earning a 5-star rating oriented towards innovation and application. Specifically, four out of eight areas Strategic Orientation,

Scientific Research, Innovation, and Community Service were all rated 5 stars. With this result, NTU ranks 8<sup>th</sup> out of 43 Vietnamese universities participating in the ranking. Previously, in 2022, the university's undergraduate programs in Aquaculture and Seafood Processing were recognized with a 5-star standard.

*UPM is a benchmarking system for assessing the excellence of educational quality, with over 125 educational institutions and training programs from 12 countries worldwide participating in, including Vietnam, Brunei, Indonesia, Malaysia, Myanmar, the Philippines, Singapore, Thailand, Japan, South Korea, Taiwan, and the United States.*

## SIGNING A STRATEGIC PARTNERSHIP WITH NATIONAL TAIWAN OCEAN UNIVERSITY

In May 2024, a delegation from NTU visited and signed a strategic partnership agreement with National Taiwan Ocean University (NTOU).

This marks the first strategic partnership with a foreign university for Nha Trang University. The leaders of both universities discussed and agreed on valuable cooperation initiatives such as co-organizing international conferences on marine and ocean sciences, publishing joint research projects in The Journal of Marine Science and Technology (JMST) of NTOU, implementing collaboration programs in staff

and faculty training, student and staff exchanges, cultural exchanges, and organizing summer camps.

During the visit to National Kaohsiung University of Science and Technology (NKUST), a graduate training partner for many of Nha Trang University's staff, the leaders of both institutions also discussed and signed a memorandum of understanding to jointly organize international conferences at Nha Trang University, with a special focus on promoting cooperative projects in the field of aquaculture.



# SIGNING COOPERATION AGREEMENT BETWEEN JAMES COOK UNIVERSITY, AUSTRALIA AND NHA TRANG UNIVERSITY

Following the results of the working visit to Nha Trang in February 2024, on July 1, 2024, the leadership of James Cook University, Australia, arrived at NTU to officially sign a cooperation agreement. This visit also aimed to gain a deeper understanding of the training and research activities at various faculties and institutes of NTU, laying the foundation for long-term cooperation between the two institutions.

During the meeting, both parties signed

a Memorandum of Understanding (MOU) and discussed future cooperation directions. Key topics included collaboration in the New Colombo Plan (NCP) student exchange program, co-organizing workshops, and joint scientific research. Additionally, representatives from James Cook University held specific meetings with faculties of NTU, sharing training experiences and scientific research cooperation, particularly in the areas of fisheries resources, climate change, and marine environment.



# NEW ACTIVITIES OF INTERNATIONAL COOPERATION PROJECTS

*This quarter, the international projects implemented by NTU have conducted various training activities, workshops, and progress meetings:*

**Project ECOViP:** Conducted a training session in Can Tho, covering methods to integrate entrepreneurship teaching into the curriculum, designing entrepreneurship-oriented courses, and incorporating the United Nations Sustainable Development Goals (SDGs) into the curriculum through innovative teaching methods. Besides, the project organized the “ECOViP 2024 Ecotourism Startup Competition,” providing students with the opportunity to gain more knowledge about ecotourism and entrepreneurship in tourism. The first prize was awarded to the Farm Together Project.

**Project REVFIN:** held a project meeting at Nha Trang University to discuss the implementation status of the specialized work packages of the project. The discussions focused on achieving major objectives, including reducing unused, lost, or discarded fishing gear by coastal fishing activities; implementing a closed-loop economy in the fisheries sector aimed at creating a market for recycled raw materials; and designing environmentally friendly recycled products. The project aims to provide alternative solutions by promoting more recycling and using eco-friendly materials.

**Project Digital-Move:** Participated in meetings and training sessions on digital transformation at Côte d’Azur University (UCA), France. The activities included reporting an overview and discussing the status of work package implementation, quality management activities, and risks during the project execution. The project also focused on completing activities and establishing key milestones. Additionally, participants attended presentations and workshops within the framework of the Digital Week.

**Project DIVE:** Attended a training course titled “Digital Transformation as Part of Higher Education Institutions” at Hue University of Agriculture and Forestry. The main topics included an overview of digital education as part of higher education institutions; strategies and roadmaps for developing digital education in institutions; designing digital education programs and content; technology in digital education; developing and supporting digital skills for teachers; and supporting students in digital education efforts.

# IUU PROJECT: TRAINING AGAINST ILLEGAL, UNREPORTED, AND UNREGULATED FISHING (COURSE 2)

*From April 22 to May 10, 2024, NTU organized the second training course under the project “ Illegal, Unreported, and Unregulated (IUU) Fishing Related to Monitoring, Control, and Surveillance (MCS) Training Course and Staff Exchange Program” (IUU Project).*

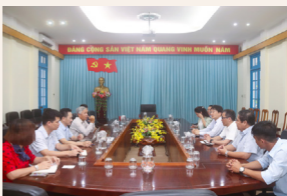
Forty participants from Southeast Asian countries, East Timor, and Papua New Guinea attended the training, receiving both theoretical and practical knowledge related to monitoring, control, and surveillance of fisheries to effectively address IUU fishing issues in Southeast Asia. Participants were also introduced to and shared knowledge about national, regional, and international legal

frameworks and regulations related to combating IUU fishing; identified and applied tools, technologies, and processes to support effective fisheries management in the region. Additionally, they were trained in MCS operational planning skills, investigating fishing vessels to determine IUU fishing potentials, and understanding the social aspects of fisheries in Southeast Asia.



*The IUU Project is funded by the Australian Department of Agriculture, Fisheries and Forestry (DAFF) and runs from 2023 to 2026. It aims to support ASEAN countries in developing human resources and building regional action plans to promote responsible fishing practices, including combating illegal fishing, improving monitoring, control, and surveillance capabilities, and enhancing cooperation in fisheries management. The project includes three training courses, each comprising two training blocks together with practical study sessions.*

# STRENGTHENING TIES WITH BUSINESSES IN TRAINING



On May 7, 2024, NTU discussed cooperation with representatives from Vân Phong 1 BOT Thermal Power Plant. The parties reached a basic agreement on supporting the Internship Program, providing students with internship opportunities to apply theoretical knowledge in the plant's practical environment.

On May 18, 2024, NTU met with representatives from THACO Chu Lai, a branch of Trường Hải Group, to discuss collaboration on internship and practical training programs for students, as well

as implementing short-term training courses and special training programs tailored to the company's needs. On this occasion, THACO Chu Lai also donated equipment to NTU, including four automobile engines for practical training and scientific research purposes.

Previously, NTU and representatives from Hải Đăng Electronics and Telecommunications Co., Ltd. held a meeting to finalize a support package for the maritime electronics practice lab at NTU, valued at nearly 1 billion VND.



## EXTERNAL ASSESSMENT OF THREE ADDITIONAL TRAINING PROGRAMS

Three undergraduate training programs have recently undergone external assessment: Food Technology, Fisheries Management, and Tourism & Travel Services Management. The official survey was completed on May 10, 2024.

The official survey took place from May 7 to May 10, 2024, conducted by the Da Nang Center for Higher Education Quality Assurance. The assessment included a variety of activities such as reviewing evidence

files; conducting interviews and discussions with relevant groups both inside and outside the university; working directly with specialized staff at various functional units; observing the university's teaching and learning activities; and surveying opinions from stakeholders. Based on these activities, the evaluators provided assessments of strengths and recommendations for areas needing improvement to enhance the quality of operations, ensure the rights of learners, and meet the requirements of employers and other stakeholders.

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## FISHERIES SHIP INSPECTORS TRAINING 2024

From April 3 to April 20, 2024, Nha Trang University, in collaboration with the Directorate of Fisheries under the Ministry of Agriculture and Rural Development, organized a professional training course for Fisheries Ship Inspectors at levels I, II, and III for the year 2024.

Nearly 70 trainees participated in the

2024 Fisheries Ship Inspectors training course. The course was designed to enhance the skills of fisheries ship inspectors for all fisheries inspection facilities nationwide that require training at three levels: Level III, Level II, and Level I. Throughout the course, trainees were equipped with specialized knowledge and skills as stipulated in Circular No. 23.



# NHA TRANG UNIVERSITY HOSTS COMPETENCY ASSESSMENT EXAMS

*I*n April and June 2024, the first and second rounds of the 2024 Competency Assessment Exam by Vietnam National University, Ho Chi Minh City (VNU-HCM), were held at the NTU testing site. The organization of the exams was conducted safely and seriously.

*A* total of 4,866 candidates participated in the two rounds of exams, held at various locations including Nha Trang City, Cam Ranh City, Dien Khanh District, Ninh Hoa Town, and Van Ninh District. NTU mobilized nearly 350 staff and students to invigilate and support the exam organization. Safety and security were strictly maintained throughout the

examination process. No candidates violated the exam regulations at the NTU testing sites during this period.

*T*he results of this exam will be used by the University for admissions, alongside direct admissions according to the regulations of the Ministry of Education and Training, high school academic performance (transcripts), and the results of the 2024 high school graduation exam.



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## OVER 1400 ATTRACTIVE JOB OPPORTUNITIES AT THE 2024 JOB FAIR

*A*s an annual event and a bridge between businesses and students, the 2024 Job Fair took place in April 2024, featuring nearly 30 companies from both within and outside the province, attracting thousands of candidates seeking career opportunities.

*T*he event offered more than 1,400 job opportunities

across 120 job positions in various fields such as biotechnology, agriculture and fisheries, finance and economics, tourism, business, technology, and construction. On this occasion, representatives from the companies also awarded scholarships to university students, with a total scholarship value of 110 million VND.

# NTU STUDENTS ACHIEVE HIGH RESULTS AT THE 30<sup>TH</sup> NATIONAL STUDENT AND PUPIL MATHEMATICS OLYMPIAD

From April 8 to April 13, 2024, the student team from NTU participated in the 30<sup>th</sup> National Student and Pupil Mathematics Olympiad held at Duy Tan University (Da Nang City). Võ Văn Thành, a student from Class K64.CNTT-4, Faculty of Information Technology, won 1st prize in Algebra and 1<sup>st</sup> prize in Calculus. Võ Văn Thành was among the 11 contestants

recognized and honored by the organizing committee for the most outstanding achievements in this year's competition.

This prestigious competition is co-organized by the Vietnam Mathematical Society, the University of Science - Vietnam National University, Hanoi, and the Vietnam Institute for Advanced Study in Mathematics.

## RAISING AWARENESS FOR A GREEN FUTURE

Community education, in raising environmental awareness is one of the key activities that NTU has been actively promoting. Significant initiatives in the past quarter included the Green Environment Contest, a Rally to Commemorate World Environment Day and the 2024 Education Sector's Month of Action for the Environment, and the "Innovation in Solving Plastic Pollution" training session.

The Green Environment Contest, initiated by the University, was held for the fourth time, attracting over 500 teams from four provinces. Twenty-three outstanding teams made it to the finals, competing with action plans addressing climate change. The overall winner was the "Green Earth" team from Nguyen Trai High School - Phan Rang Thap



Cham, Ninh Thuan Province.

On the morning of June 7, 2024, NTU organized a rally to commemorate World Environment Day and the 2024 Education Sector's Month of Action for the Environment. The rally featured valuable information sharing on environmental protection, symbolic green tree donations, and a pledge signing to commit to educational, promotional, and environmental protection activities for staff, employees, union members, and students.

# SUCCESSFUL CONSTRUCTION AND LAUNCH OF 4 COMPOSITE HULL SHIPS

*In the second quarter of 2024, the Institute of Ship Research and Manufacturing successfully launched a series of composite ships for business operations, including the passenger ship Symphony and three Orchid Classic 01, 02, 03 ships.*

The passenger ship Symphony was designed and built for Tân Hòa Phát Company in Quảng Ninh. The ship measures 15.2 meters in length, 3.0 meters in width, and 1.70 meters in height, featuring a passenger compartment, a pilot cabin, an engine room, and various equipment, with a carrying capacity of over 40 people. The ship is used to transport passengers in both directions from Tuần Châu passenger terminal to cruise ships in Cát Bà Bay and Hạ Long Bay.

Additionally, three Orchid Classic passenger ships were also launched this quarter. These ships were ordered by Pelican Ha Long - Cat Ba Joint Stock Company

for sightseeing and sea viewing purposes. The ships measure 16.2 meters in length, 3.5 meters in width, and 1.7/0.8 meters in height, with a carrying capacity of over 40 people. The ships are harmoniously and reasonably arranged with a pilot cabin, engine room, and passenger compartment made of double-sided glossy composite sandwich, offering noise and heat insulation. The windows are made of tempered glass, ensuring waterproof and weatherproof features, and are equipped with two air conditioners along with all the necessary equipment and systems as per current regulations.



# CLOSING OF THE PROJECT “SUSTAINABLE GREEN AIOT ENERGY SYSTEM WITH REAL-TIME SOLUTIONS FOR EFFICIENT AQUACULTURE” (REAS-SEA)

*On March 27 and 28, 2024, members of the REAS-SEA project from NTU participated in an in-person meeting at Bac Lieu University.*

The project involves lecturers from NTU working with partners from various schools, institutes, and businesses both domestically and internationally, under the sponsorship of the ASEAN-IVO Fund (Japan). The project aims to support the rapid growth of the aquaculture sector in the ASEAN region through comprehensive and real-time control solutions. This is achieved by combining advanced sensors, AIoT (Artificial Intelligence of Things), and hybrid energy harvesting to connect and collect multiple environmental and biological sensor parameters.

The collected data is used to develop an Artificial Intelligence (AI) model based on multivariate biological and environmental sensor parameters, providing comprehensive and real-time automated control solutions for aquaculture farmers. This approach helps reduce high shrimp mortality rates and improve the economic viability of their farms. The IoT system features automated feeding control, allowing farmers to optimize feeding models for growth, control dissolved oxygen levels, manage the use of chemicals and antibiotics, and reduce water pollution, mortality rates, and feed costs.



# SCIENCE AND TECHNOLOGY FESTIVAL FOR STUDENTS - **STEM 2024**



*On May 17, 2024, the STEM 2024 Festival featuring 13 exciting specialized competitions took place at NTU, attracting thousands of students to attend and observe.*

The 13 specialized competitions included: Model Boat and Self-Designed Car Racing - Racing NTU 2024; Marine Transport and Logistics; Catching the Wind on Lasan Hill; Electrical and Electronic Engineering Model Design; Spaghetti Bridge; Traffic Solutions and Models; Badminton Shuttlecock Launcher Design and Fabrication; Mouse Trap Spring-Powered Car Design and Fabrication; Rope Climbing Robot Design and Fabrication; Line-Following Robot Design and Fabrication; Air Conditioning, Ventilation, Electrical, and Water System

Design for Buildings; and Solar Water Heating Device Design and Fabrication.

This annual science and technology event provides a platform for engineering students to explore scientific research models, apply theoretical knowledge into practice, and enhance their connections and interactions with each other. It fosters the exchange of knowledge and technical information, laying the foundation for future research and manufacturing collaborations across different disciplines.



# 19 PROJECTS PARTICIPATE IN THE STUDENT SCIENTIFIC RESEARCH CONFERENCE FOR THE 2023-2024 ACADEMIC YEAR



This year, the student scientific research projects at the conference were categorized into two main fields: Engineering and Technology (12 projects from the construction, mechanical, and transportation engineering sectors) and Agricultural Sciences (7 projects from the biotechnology, environmental science, and aquaculture sectors). The projects were evaluated by the Scientific Council based on criteria such as purpose, significance, and applicability of the research; specialized content and research methods; and presentation format.

The first prizes were awarded to the following projects: Design and fabrication of a freezer for the freeze-drying process of *Cordyceps militaris*; Evaluation of the virulence of *Vibrio parahaemolyticus* strain A23 carrying the PirA and PirB genes causing Acute Hepatopancreatic Necrosis Disease (AHPND) in whiteleg shrimp.

The Student Scientific Research Conference of the 2023-2024 academic year was organized to provide students with the opportunity to engage in scientific activities, enhancing their research capabilities and contributing to the improvement of academic quality.



# COMMEMORATING

## The 65<sup>th</sup> Anniversary of Nha Trang University

### MAIN EVENT

#### Roundtable meeting

August 1<sup>st</sup>, 2024

Discussion on history and development directions  
Announcing and awarding certificates of Educational  
Institution according to UPM Benchmarking system

### OTHER ACCOMPANYING EVENTS

- \* Scientific seminar: "Utilizing by-products in agricultural and aquatic products"
- \* Showcase of Science and Technology products
  - \* Career Fair
  - \* Student - Alumni football event
- \* Visiting tours to the Museum of Fishing Gear, Museum of Aquatic Life, Laboratories
- \* Broadcasting documentary film on  
*"Nha Trang University - 65 years of construction and development"*



<https://65.ntu.edu.vn/>