

NEWSLETTER

NHA TRANG UNIVERSITY

THE FOURTH QUARTER OF 2024



*Happy
New Year*
2025





MISSION

To carry out research, to train highly qualified manpower, and to transfer knowledge in multiple disciplines, focusing on promoting strengths in marine and fisheries science and technology

VISION

To become a high-ranked university in Vietnam and one of the leading universities in Asia in some disciplines in marine and fisheries science and technology by 2045



CORE VALUES

Pioneering - Unity - Integration -
Dynamism - Responsibility

EDUCATIONAL PHILOSOPHY

To develop professionalism, creativity and sense of responsibility in an integrated education environment linked to professional practice and the community



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WATCH MORE FROM NHA TRANG UNIVERSITY



BOOSTING SCIENCE AND TECHNOLOGY ACTIVITIES AND INTERNATIONAL COOPERATION IN THE NEW PHASE



In December 2024, Nha Trang University organized two significant conferences that laid the groundwork for promoting international cooperation and science and technology activities in the coming period.

On December 5, 2024, the Conference on Solutions to Promote Science and Technology Activities attracted nearly 150 delegates, including leaders of departments, faculties, institutes, professors, associate professors, and lecturers. The conference focused on discussing solutions to improve the quality of science and technology human

resources, optimize research facilities, and foster intellectual property and technology transfer.

On December 31, 2024, the Conference on Reviewing International Cooperation Work for the 2023-2024 Academic Year and Implementing Strategies Toward 2030 was held. Reflecting on the achievements of the past five years, the delegates discussed opportunities and challenges in international cooperation during the new phase and proposed key solutions to enhance the effectiveness of these activities.



NHA TRANG UNIVERSITY LIBRARY WINS OUTSTANDING DIGITAL TRANSFORMATION AWARD AT VIETNAM DIGITAL AWARDS 2024

On October 5, 2024, the Nha Trang University Library was honored to receive the Vietnam Digital Awards for its solution, "Digital Transformation of Learning Resources for Education, Research, and Community Services." This prestigious award, organized by the Vietnam Digital Communications Association, recognizes outstanding achievements in digital transformation that contribute to promoting national digital transformation efforts.

This year, the awards attracted nearly 400 applications from over 5,000 organizations,

with 45 outstanding solutions being recognized. These solutions utilized advanced technologies such as AI, big data, IoT, blockchain, and cloud computing that significantly enhance efficiency in education, public administration, and the digital economy.

The award serves as recognition of Nha Trang University's comprehensive digital transformation strategy, spanning management, education, and learning. It highlights the university's efforts to create a modern digital learning environment and develop digital competencies for its students.

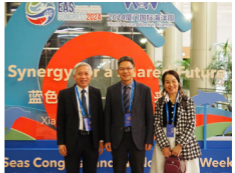


SIGNING RESEARCH COOPERATION AGREEMENT WITH CHINA'S FOURTH INSTITUTE OF OCEANOGRAPHY

On November 7, 2024, in Xiamen City, Fujian Province, China, a delegation from Nha Trang University participated in a symposium on marine ecosystem protection and restoration as part of the "World Ocean Week and East Asia Summit (EAS) 2024." During the event, the university signed a cooperation agreement with China's Fourth Institute of Oceanography (FIO).

The cooperation will focus on environmental protection, marine biodiversity, aquaculture, aquatic animal pathology, marine biotechnology, marine ecosystem conservation,

climate change adaptation, and blue economy development. Notably, priority will be given to aquatic animal pathology and mangrove ecosystem restoration. The detailed plans for research projects are being finalized, with the Memorandum of Agreement (MoA) expected to be signed in early 2025.



SIGNING MOU WITH THE UNIVERSITY OF PARMA

On October 21, 2024, in Parma, Italy, the University of Parma signed a Memorandum of Understanding (MOU) with several Vietnamese higher education institutions, including Nha Trang University. The delegation from Nha Trang University was led by Dr. Quach Hoai Nam, Vice Rector. This visit opened up opportunities to strengthen international cooperation and promote joint programs for the 2025-2028 period, including student and staff exchanges under the Erasmus+ KA171 Fund and Capacity Building initiatives under the Erasmus+ KA2 program.

These cooperative activities aim to enhance the quality of training and research for Vietnamese universities while providing opportunities for students, lecturers, and staff to participate in study, research, and professional exchange programs at advanced European educational institutions. This event marks an important step in developing an international cooperation network in higher education.



SIGNING PARTNERSHIP AGREEMENT WITH NANNING NORMAL UNIVERSITY (CHINA)

On November 22, 2024, Nha Trang University welcomed a delegation from Nanning Normal University (China), led by Prof. Zhang Peng, Secretary of the University Party Committee and Chair of the University Council.

The two institutions discussed collaborative programs, including faculty and student exchanges as well as joint training and research initiatives.

A MOU was signed, formalizing the partnership and paving the way for specific collaborative programs in the future.



WELCOMES DELEGATION FROM DAVAO DEL NORTE STATE COLLEGE (DNSC), PHILIPPINES



From December 4 to 12, 2024, a delegation from Davao Del Norte State College (DNSC) visited and worked with the leadership and various departments of Nha Trang University.

The two institutions exchanged experiences in organizing summer camps and discussed undergraduate and graduate training programs,

as well as research projects, particularly those related to marine environments. The DNSC delegation also toured the university's facilities, laboratories, hatchery production sites, and practical research projects. The visit opened up promising opportunities for collaboration in training, research, and scientific applications between the two institutions.

WELCOMING THE CONSULATE GENERAL OF THE REPUBLIC OF VANUATU

On October 24, 2024, Nha Trang University welcomed the Consulate General of the Republic of Vanuatu, led by Mr. Tran Nam Trung, Consul General. The two sides discussed sending Vanuatu students to study in Vietnam in fields such as agriculture, forestry, fisheries, technology, healthcare, tourism, and hospitality through scholarship programs to support the students.

The meeting also discussed ways to enhance English and French teaching quality in Vanuatu and proposed opportunities for educational exchanges, paving the way for long-term cooperation prospects.



SIGNING COOPERATION AGREEMENT WITH HD HYUNDAI VIETNAM SHIPBUILDING COMPANY



On December 12, 2024, Nha Trang University and HD Hyundai Vietnam Shipbuilding Company signed a MOU, marking a new milestone in our partnership.

This agreement reinforces their commitment to collaboration and opens

a new phase of extensive cooperation, focusing on practical programs in training and research. The partnership promises tangible benefits, enhancing the university's training quality and the company's capacity for sustainable development.

Since 1998, the two parties have effectively collaborated in training, scientific research, and community service, particularly in key fields such as Naval Architecture, Mechanical Engineering, English Language, and Accounting.

SIX UNDERGRADUATE PROGRAMS GET NATIONAL ACCREDITATION

On December 19, 2024, the Thang Long Center for Educational Quality Accreditation officially certified the quality of six training programs at Nha Trang University: Mechanical Engineering, Automotive Engineering, Civil Engineering, Business Commerce, Banking and Finance, and English Language. The certification is valid for five years, from December 19, 2024, to December 18, 2029. Up to now, the University has 17 accredited programs in total.



NHA TRANG UNIVERSITY PIONEERS IN UNIVERSITY ADMISSION REFORM FOR 2025



On November 5, 2024, Nha Trang University organized the “University Admission Reform” workshop with the participation of leaders from provincial Departments of Education and Training and principals of high schools.

The workshop focused on changes to the 2025 high school graduation exam

and Nha Trang University's admission plans, including high school academic performance, university academic competency assessment results, and supplementary knowledge pathways. As part of the workshop, Nha Trang University signed a cooperation agreement with the Department of Education and Training of Lam Dong Province.

ISDS 2024 INTERNATIONAL CONFERENCE: A PLATFORM FOR ACADEMIC EXCHANGE ON INTELLIGENT SYSTEMS AND DATA SCIENCE

On November 9-10, 2024, Can Tho University, in collaboration with Nha Trang University, successfully organized the International Conference on Intelligent Systems and Data Science 2024 (ISDS 2024). The conference attracted 150 scientists from 28 universities and institutes across 9 countries and territories, including leading experts from Japan and Taiwan.

The conference featured 66 presentations by scientists and held dedicated discussion

sessions for postgraduate students to exchange experiences and enhance research quality. This annual conference, founded and hosted by Can Tho University, provides a platform for researchers to share the latest advancements in information and communication technology. It also serves as an opportunity for participating institutions to develop and implement intelligent systems and data science solutions in practical applications.



SCIENTIFIC CONFERENCE ON LOGISTICS ENGINEERING

The scientific conference “Challenges, Trends, and Opportunities in Logistics Engineering - LETCO 2024” took place at Nha Trang University on December 27-28, bringing together leading experts, business leaders, and researchers in the field of logistics engineering.

Participants discussed various topics, including challenges in logistics engineering (high operational costs, lack of high-quality workforce, pressure to reduce emissions, and the development of green logistics to meet international environmental protection standards). They also

explored industry trends such as the application of IoT and AI for real-time cargo tracking and demand prediction, blockchain in supply chains to enhance transparency and reliability in international trade transactions, and automation and robotics in logistics to improve operational efficiency at distribution centers and smart warehouses.



LAUNCHING COMPOSITE PASSENGER BOAT PREMIER GROUP – 01



On November 19, 2024, the Institute of Ship Research and Manufacturing (UNINSHIP) at Nha Trang University launched the composite passenger boat PREMIER GROUP – 01 after two months of construction. This is the first in a series of five boats designed and built for Genesis Vietnam Yacht Corporation, headquartered in Cat Ba, Hai Phong.

The boat measures 16.2 meters in length, 3.5 meters in width, and 1.7 meters in height. Its structure utilizes double-sided composite sandwich material, offering noise and heat insulation while ensuring aesthetics. The tempered glass windows meet waterproof and weather-resistant standards. All onboard equipment and systems comply with safety regulations and provide operational convenience. The PREMIER GROUP – 01 is designed to transport passengers from ports to cruise ships in Cat Ba Bay and Ha Long Bay, as well as for sightseeing activities in coastal areas with tourism potential.

NHA TRANG UNIVERSITY TEAM WINS FIRST PRIZE AT “CENTRAL VIETNAM GREEN INNOVATION 2024” COMPETITION

On December 29, 2024, the final round of the “Central Vietnam Green Innovation 2024” competition took place at Phu Xuan University, Thua Thien Hue, featuring 11 outstanding teams from universities and colleges nationwide. The competition aims to encourage creativity toward sustainable development and environmental protection.



Nha Trang University's team won first prize with their project, “Bioboost Bioproduct,” which processes agricultural by-products and eliminates plant pathogens. The project stood out for its creativity, practical application, and scalability potential, contributing to reducing agricultural waste and enhancing crop productivity.

The participating teams presented their ideas, answered questions, and received valuable feedback from experts. The competition also featured projects on waste treatment, clean energy, and information technology. Its success serves as an inspiration for young people to continue innovating for sustainable development.

NHA TRANG UNIVERSITY'S STUDENT RECEIVE A PRIZE IN THE 26TH EURÉKA SCIENTIFIC RESEARCH STUDENT AWARD

On December 8, 2024, Ho Chi Minh City hosted the Closing and Award Ceremony of the 26th Euréka Scientific Research Student Award. The event honored 187 outstanding research projects, awarding 15 first prizes, 14 second prizes, 18 third prizes, and 140 consolation prizes.



Võ Duc Trung, a student from the Institute of Biotechnology and Environment at Nha Trang University, received a consolation

prize for his research project, “Application of Shotgun Metagenomics in Investigating the Gut Microbiota and Antibiotic Resistance Genes of *Litopenaeus vannamei* Shrimp Cultured with Probiotic Supplementation.” Additionally, he won the award for Best Video with “My Science Story.”

International Symposium on **MARINE AND FISHERIES SCIENCE AND TECHNOLOGY** *(MFST 2025)*

DATE: MARCH 27-28, 2025
VENUE: NHA TRANG UNIVERSITY

PURPOSE

The Symposium aims to bring together researchers, scholars, and professionals to share insights and foster collaboration in the fields of marine science, technology, and sustainable economic practices.

TOPIC

- * Aquaculture technology*
- * Broodstock and larviculture*
- * Nutrition and physiology*
- * Biotechnology in aquaculture*
- * Seafood processing and safety*
- * Environment and health management*
- * Climate change adaptation*
- * Post-harvest and market*
- * Smart aquaculture*
- * Renewable energy from oceans*
- * Smart ship technologies*
- * Energy harvesting from marine environments*
- * Electromagnetic waves for subsea exploration*
- * Coastal engineering*
- * Marine infrastructure*
- * Sustainable construction*
- * Climate change and rising sea levels*
- * Industry innovations sharing*
- * Green marine tourism*

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