



**National Pingtung University of
Science and Technology**

Practice-oriented University



University Development Strategies

Contents

University Development Strategies	P01-02
A Word from President Chang-Hsien Tai	P03
History of NPUST	P05-06
Introduction to Our Six Colleges	P07-08
Academic Overview	P09-10
Products of Our Research	P11-15
International Networks	P16-18
Achievements of Outstanding Alumni	P19-20
Map and Directions	P21-22

- Creating New Value with Applied Technology
- Merging Knowledge and Skill for a New Era in Industry and Academics
- Connecting Internationally with the New Southbound Bridge
- Pursuing Sustainability with a Green Campus



Kindness and Honesty

Our Emblem

The NPUST emblem signifies the university's education policy to cultivate talent with professional, international, and holistic qualities. Located in Pingtung Taiwan, the university's outlook and reputation are like the rising sun: vibrant and reliable – pushing us higher as we work to become a renowned international university.

Our Motto

Kindness and Honesty

All faculty, students and colleagues are expected to uphold a spirit which “cares for all creation and seeks truth from facts”, helping to establish a new era for the university.

A Word from the President

Taiwan
NPUST

Formosan gum trees line the university boulevard and vast green pastures cover the gentle terrain—from the campus lake that sits contrasted by a mountainous back drop to the reflection of the pink sunset on Lover's Hill, this emerald that sits at the foot of Dawu Mountain, speckled with red and white buildings nestled between the green trees, has shined brilliantly in the south of Taiwan for over 90 years, accenting the history of the school with an additional touch of splendor and elegance.

Established in 1924 as the Kaohsiung State Pingtung Extension School of Agriculture, the first stage of this 90-year enterprise was focused on developing tropical agriculture research and cultivating professionals in science and technology. Situated in Taiwan's tropical agriculture hub, just beneath the Tropic of Cancer, the tropical agriculture industry, with all its unique and diversified attributes, has been a pillar upon which the university's international reputation has been established, and has helped NPUST to become a large-scale tropical agriculture research institution with great potential for future development. Over the generations, since the time that the school was first established, many changes have taken place and the institution has experienced a variety of transformations. The rich history of the university is seen in the wealth of educational and research-based achievements it has produced, the many contributions it has made to Taiwan's economic development and the training it has provided to the country's professional talent.

"Build on the past to inspire the future, and take on the causes of those who came before you to open new roads for the future". By following the footsteps and standing on the firm foundations left by our talented and virtuous predecessors, it is my aim to actively promote industry-academia cooperation along a development path that focuses on "agriculture technology" "ecological industry", "platinum societies" and "blue economies" according to the "4C" motto of "Cross discipline", "Cross digital", "Cross industry" and "Cross nations"—thus cultivating inter-disciplinary talent with cultural and professional capabilities, innovative thought and international outlooks, while giving the university a new sense of initiative.

President *Chang-Hsien Tai*

Taiwan's GreenMetric World University Champion

National Park-like Campus Cultivating a New Consciousness for Green Energy

Nestled at the foot of Dawu Mountain, NPUST's 300 hectare campus, with vast green pastures and stretches of lush trees, has a distinct beauty that changes with each of the four seasons and an elegance that has earned it the reputation of "National Park University."

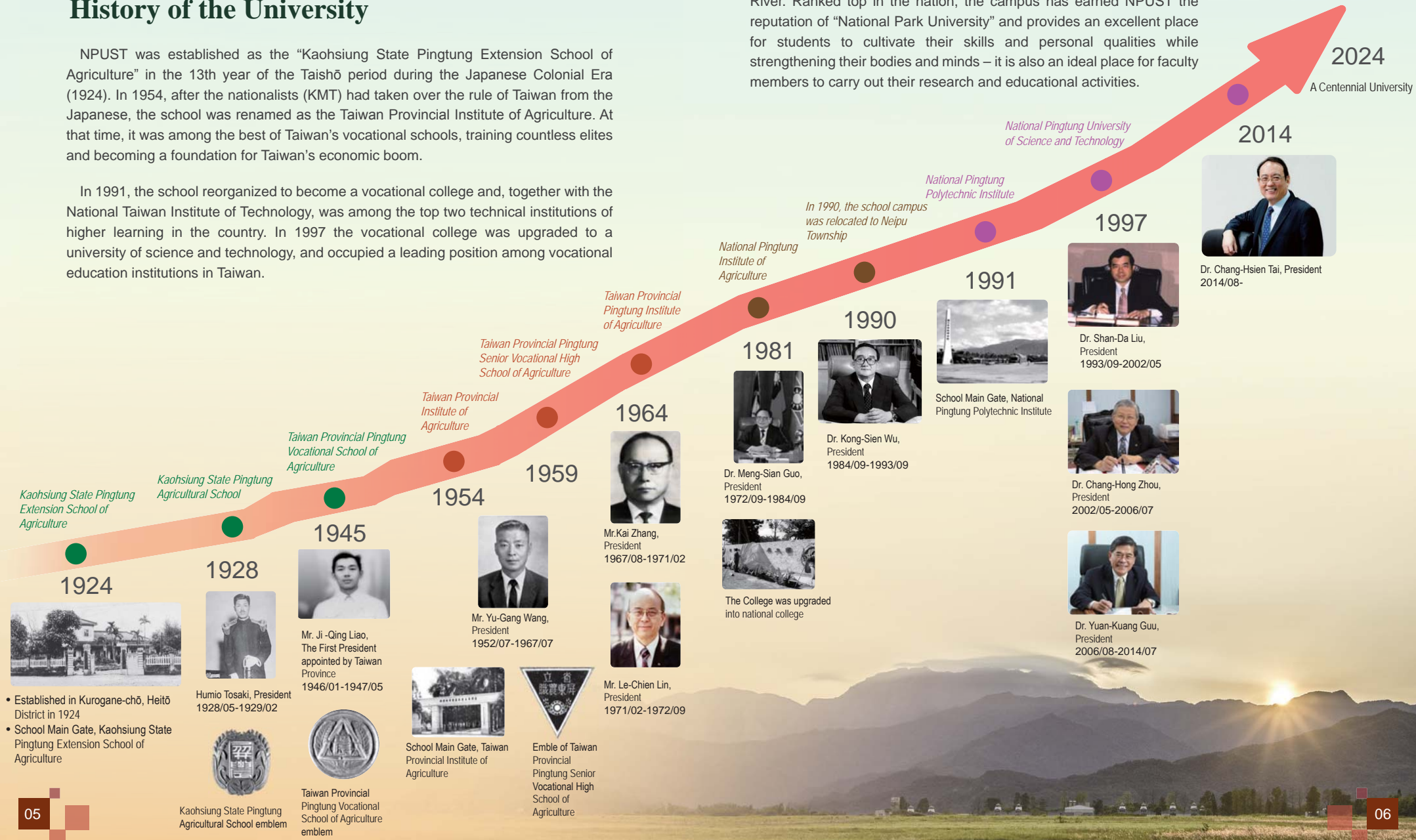
For three consecutive years, NPUST has been the highest ranking university in Taiwan in the GreenMetric World University competition. In 2019, NPUST also ranked 6th in all of Asia in the same competition, demonstrating the fact that the university is internationally recognized for its pursuits in sustainable development, both with respect to its campus facilities and the cultivation of its talent.

History of the University

NPUST was established as the "Kaohsiung State Pingtung Extension School of Agriculture" in the 13th year of the Taishō period during the Japanese Colonial Era (1924). In 1954, after the nationalists (KMT) had taken over the rule of Taiwan from the Japanese, the school was renamed as the Taiwan Provincial Institute of Agriculture. At that time, it was among the best of Taiwan's vocational schools, training countless elites and becoming a foundation for Taiwan's economic boom.

In 1991, the school reorganized to become a vocational college and, together with the National Taiwan Institute of Technology, was among the top two technical institutions of higher learning in the country. In 1997 the vocational college was upgraded to a university of science and technology, and occupied a leading position among vocational education institutions in Taiwan.

In 1990, the school campus was relocated to a vast 298 hectare property in Neipu Township next to Dawu Mountain and the Donggang River. Ranked top in the nation, the campus has earned NPUST the reputation of "National Park University" and provides an excellent place for students to cultivate their skills and personal qualities while strengthening their bodies and minds – it is also an ideal place for faculty members to carry out their research and educational activities.



Introduction to Our Six Colleges

College of Agriculture

The College of Agriculture plays an important role in training technically skilled agriculture industry professionals; promoting agriculture technology, and supporting plant industries. With six main areas of development, including "Food Science", "Animal Science", "Plant Industries", "Aquaculture", "Life Sciences" and "Natural Resource Conservation", the College is invested in cultivating talented researchers and working with the industrial sector to establish a positive environment for technology transfer, while promoting a new educational experience that brings together academic pursuits with practical applications.



	Day Division	Extension Division	Graduate			Industry-Academia Collaboration Program
			Master's Degree Program	Executive Master Degree Program	Doctoral Degree Program	
Department of Plant Industry	●		●	●	●	
Department of Forestry	●		●			
Department of Agriculture	●		●		●	
Department of Animal Science	●		●			●
Department of Plant Medicine	●		●			
Department of Wood Science and Design	●		●			
Department of Food Science	●	●	●		●	
Department of Biological Science and Technology	●		●			
Graduate Institute of Bioresources						●
Master Degree program in Food Biotechnology				●		
Executive Master of Food Biotechnology			●			

College of Engineering

The charter of the College of Engineering is to pursue the objectives of "inspiring wisdom and adding depth to knowledge", "researching and developing through industry-academic cooperation", and "adopting an international outlook for the strengthening of Taiwan". Programs are designed to incorporate R&D techniques used in the industrial sector and train professionals who can meet industry expectations. At the same time, the College works to strengthen practical industry-academic programs which will increase the job competitiveness of students. Also, by joining forces with the 5 other NPUST colleges, it aims help see through the implementation of Agriculture 4.0 development objectives.



	Day Division	Extension Division	Graduate			Industry-Academia Collaboration Program
			Master's Degree Program	Executive Master Degree Program	Doctoral Degree Program	
Department of Environmental Science and Engineering	●		●	●	●	
Department of Mechanical Engineering	●		●	●		●
Department of Civil Engineering	●		●	●	●	
Department of Soil and Water Conservation	●		●			
Department of Vehicle Engineering	●		●			
Department of Biomechanics Engineering	●	●	●			
Department of Mechanical Engineering			●			
Bachelor Program in Environmental Resources and Disaster Prevention		●				
Undergraduate Program in Advanced Materials	●					

College of Management

The College of Management serves to cultivate business-type talent with skills in managing agriculture industries, plant production technology industries and small- and medium- sized businesses. It also focuses on improving job competitiveness by emphasizing interdisciplinary education in high-tech production and biotech management techniques. In the future, the College aims to use a "big data" platform to integrate the College's three main axes of "operations management", "biotech management" and "recreational agriculture management", continuously adding depth to the educational and research-related features of the school, working towards interdisciplinary education goals, promoting internationalization objectives, and establishing a name for the College known for excellence.



	Day Division	Extension Division	Graduate			Industry-Academia Collaboration Program
			Master's Degree Program	Executive Master Degree Program	Doctoral Degree Program	
Department of Business Administration	●	●	●	●		
Department of Management Information Systems	●		●	●		
Department of Industrial Management	●		●	●		
Department of Agribusiness Management	●		●	●		
Department of Fashion Design and Management	●		●			●
Department of Hospitality and Recreation Management	●		●			
International Bachelor's Degree Program in Finance	●					
Graduate Institute of Management of Innovation and Technology			●	●		
Graduate Institute of Landscape Architecture and Recreation Management			●			
Executive Masters of Business Administration				●		
Graduate Institute of Finance						

College of Humanities and Social Sciences

In response to changing views of humanities and the way in which modern society approaches knowledge, the College of the Humanities and Social Sciences has adopted a foundation which is based on interdisciplinary curriculum. Combining school development, local qualities, and the resources and influence of public and private sectors and sister-universities, the College has integrated the three main goals of "creative education", "academic R&D", and "industry-academic cooperation", with the aim of cultivating leading professionals in industries related to humanities and social work, while also providing services to society according to a model that closely links academic theory and practical application.



	Day Division	Extension Division	Graduate			Industry-Academia Collaboration Program
			Master's Degree Program	Executive Master Degree Program	Doctoral Degree Program	
Department of Child Care			●			
Department of Social Work	●	●	●			
Recreational Sports and Health Promotion	●	●	●	●		●
Department of Modern Languages	●		●			
Graduate Institute of Hakka Cultural Industry				●		
Graduate Institute of Vocational and Technical Education			●	●		
Center for Teacher Education Program						
Center for General Education						

International College

The International College has created a high quality fully-English teaching environment, established on an interdisciplinary, integrated education model designed to cultivated technically skilled professionals in agriculture technology and sustainable operations. The College provides local and international talent with professional knowledge and training while actively expanding international cooperation initiatives under the principles of "international objectives", "tropical agriculture emphasis", and "interdisciplinary education". Each program is designed to increase the knowledge, skills, and international mobility of the students, so that they can "up the level" of their job competitiveness.



	Day Division	Extension Division	Graduate			Industry-Academia Collaboration Program
			Master's Degree Program	Executive Master Degree Program	Doctoral Degree Program	
Department of Tropical Agriculture and International Cooperation	●		●		●	
International Program in Ornamental Fish Science and Technology			●		●	
International Program in Animal Vaccine Technology			●		●	
International Master Degree Program in Food Science			●			
International Master Program in Soil and Water Engineering			●			
International Master's Degree Program in Agribusiness Management			●			

College of Veterinary Medicine

The College of Veterinary Medicine upholds the social responsibility of industrial, governmental and academic sectors through animal disease diagnostics and research, immunization and adjuvant R&D, and animal conservation medicine. Cultivating well-rounded veterinarians and strengthening their job competitiveness, the College is following a development path that is orientated towards immunization and adjuvant R&D, snake antivenom immunoglobulins and conservation medicine. Furthermore, it coordinates with related groups, centers and facilities in the College of Agriculture on inter-college, inter-disciplinary cooperative projects designed to improve the well-fare of animals.



	Day Division	Extension Division	Graduate			Industry-Academia Collaboration Program
			Master's Degree Program	Executive Master Degree Program	Doctoral Degree Program	
Department of Veterinary Medicine	●		●	●	●	
Graduate Institute of Animal Vaccine Technology			●			
Institute of Wildlife Conservation			●			

Educational Development

Education and Teaching Excellence

In light of trends moving in the direction of the diversification and internationalization of education, NPUST has adopted a multi-channel strategy which promotes a variety of learning environments that can meet the current needs of higher education. The goal is to cultivate both interdisciplinary and single-focus professionals in a variety of fields and foster students who are skilled in engaging in macro learning and independent thinking.

Cultivation of Technically Skilled Professionals

- 1 The university employs a comprehensive education model that helps students establish personal goals, while the distinct features and course structure of each department and faculty are predicated on the objective of fostering student interest and transforming them into professionals. Practical learning facilities use hands-on training integrated with professional know-how to prepare students for license acquisition to further strengthen their competitiveness in their future careers.
- 2 The university promotes a diverse selection of cooperative industry-academia initiatives and continuously creates new off-campus internship opportunities for students. Currently, over 1000 students have taken part in overseas internship for 6 months or longer. Such programs allow students to engage in active learning and creative thinking, and strengthen their technical abilities and understandings of workplace dynamics as they work towards becoming well-rounded and technically-skilled professionals.
- 3 For many consecutive years, NPUST has received project grants from the Ministry of Education for "Excellence in Teaching" and "Technical Skills Training".

Strengthening Foreign Language Skills and International Competence

- 1 English instruction environment: Programs fully instructed in English are open to enrollment for both local and international students. Through learning and interaction, language abilities and international outlooks are brought to the next level.
- 2 The university implements English courses to bolster English language skills, and is home to a TOEIC testing facility which provides students with a more convenient way to acquire foreign language proficiency certificates.
- 3 Faculty members are encouraged to get students involved in international conferences, workshops, competitions, and visitations to foreign enterprises in order to broaden their fields of vision and establish their footings for international employment.

Raising Education Quality

- 1 Diversified rewards and evaluation systems encourage faculty to use industry experience for education and training purposes, emphasizing the focus given to education quality and promoting course evaluation techniques and innovative course design.
- 2 Teachers' learning camps or lectures are held to promote teaching effectiveness and interdisciplinary learning opportunities. A link with high schools and vocational schools is also in place to help provide them with professional knowledge, technical skills and to meet industry demand.
- 3 Continuous work is done to strengthen industry-academia cooperation, integrate academic and industry joint-education, create a practical learning model orientated towards real capabilities and improve student competitiveness.

Interdisciplinary Education for Well-Rounded Talent Cultivation

- 1 NPUST currently is home to six colleges, including the colleges of Agriculture, Engineering, Management, Humanities and Social Science, Veterinary Medicine, and the International College. Each of the colleges has developed comprehensive educational resources in diverse disciplines of study, and by integrating the strengths of these six colleges, comprehensive interdisciplinary education and research results can be achieved.
- 2 New interdisciplinary agriculture talent cultivation projects help create innovative interdisciplinary curriculum; from fundamental & core academic knowledge to specialized practical learning objectives, students are equipped with professional skills needed to face complex working environments.
- 3 A horizontal interdisciplinary cooperation model is used to cultivate holistic and technically-skilled professionals. As the university works towards "holistic", "professional," and "international" education, each college strives to build quality education environments and continuously raise standards to the next level.

Products of Our Research

College of Agriculture

Orchid Research

For many years, NPUST has been actively involved in research on plant tissue culture, seed production and growing techniques for high economic value tropical flowers and other ornamental plants. The results of the work have blossomed in recent years, with such breakthroughs as the “Phalaenopsis stem bud proliferation technique” and the “induction and proliferation of phalaenopsis protocorm-like bodies”. To date, technology has been transferred to more than 10 orchid nurseries or tissue cultivation companies, and related research results have been granted patents from Taiwan and the EU (while several are also US patent-pending). Additionally, in order to coordinate with the promotion of national agriculture industry policies, teams are devoted to the cultivation and development of new orchid varieties, including variations of *Oncidium flexuosum* and *Spring Dendrobium*. Some of the research results have already been published in renowned international journals.

Biological Fermentation Sciences (Food Sciences): Low-Salt Soy Sauce and Civet Cat Coffee

One of NPUST’s hot selling technology transfers, the “Low-sodium Soy Sauce”, started off with a Japanese-style thick soy sauce, then used a specially developed natural strain of bacteria to create a rich and fragrant “low potassium, low sodium”, healthy soy sauce. The method does not make use of any chemical additives and was designed with the aim of helping more people keep their health in check.

Another success story in the area of micro-biological fermentation is that of the “civet cat coffee”. Using professional separation and purification technology, more than ten strains of bacteria found in the civet cat’s digestive tract were prepared for use on carefully select coffee beans. A specially developed “pure” biotechnology fermentation technique was then developed to mimic the digestive process of the civet cat. A constant temperature, constant moisture-level in-vitro fermentation environment allowed for the creation of a hygienic, healthy coffee that exceeds in quality to that produced using beans from wild civet cats.



Development of “Color Spreading” Technology

Aquaculture techniques used by the college have undergone more than 30 years of continuous experimentation and revision, and have led to the successful development of many types of aquaculture feed, biological treatments, and algae products. In one example, a technique was used to create a special feed designed for the artificial breeding of coral trout. As a result, the fish no longer exhibited the black tone that artificially bred coral trout usually have, but instead had the rich red luster seen in fish in the wild. The cultivated fish product is completely safe and follows all food safety and hygiene regulations. When sold on the market, the coral trout raised using this color spreading technique can fetch profits of nearly 200%, which, in turn, has allowed for a doubling of output.

In the past four years, teams at the college have conducted 127 research projects with related research results published in 35 SCI papers; they have also been responsible for six invention patents, and a total of 17 technology transfers.

College of Engineering

Permeable Pavement

The Department of Civil Engineering was commissioned by the Pingtung County Government to execute a pilot project, inspection and feasibility assessment of roads constructed using permeable pavement. The department provided and executed multiple professional tests, addressing excavation techniques, soil classification, and permeable concrete structural design. The data was then used to further explore water drainage, traction and safer road surface design. The results of the study have shown that permeable pavement can not only reduce the load on drainage systems, delay flood peaks, and help improve groundwater conservation, but is also both safe and comfortable for driving on – meaning this high-tech approach is both environmentally and user friendly.

Electric Cars

The university successfully developed an eight-seater steep grade electric tourist shuttle designed to drive on sloped terrain. The car is equipped with a highly efficient power-drive module for better performance and is constructed with high strength steel for a reduced overall body-weight. The design of the vehicle has allowed it to overcome many of the limitations other electric vehicles on the market are subjected to. Following many years of joint industry-academic R&D, the team responsible for the vehicle successfully created a dual high-low gear system that allows the car to drive on slopes of up to 15 degrees. At the same time, its vacuum assisted brake system saves energy, and the electromagnetic regenerative braking system recycles the energy used to slow the vehicle down. The novel eight-seater provides passengers with both comfort and safety – not to mention, it’s emission free!

College of Veterinary Medicine

Animal Immunization Technology – R&D and Production

In 2016 the College established the Animal Biologics Pilot Production Center with international caliber hardware and equipment to cultivate the type of professional talent currently in demand. It also assists the university and domestic organizations with animal agent production, animal experiments and production trials, and has established alliances with animal vaccination companies in the Pingtung Agricultural Biotechnology Park. Methods and equipment used by the Center fully conform to all international norms and standards and the results obtained through R&D are consistently in-line with commercial, industry and international objectives. Work at the Center is ultimately aimed at reducing occurrences of animal illness and decreasing reliance on antibiotics in animal rearing –thus improving the health of animals and consumers alike. Continuously developing innovative animal vaccine products and key industry technologies, the College has obtained many patents and successfully carried out numerous technology transfers.

Veterinary Transfusion Medicine Center

The College's Veterinary Transfusion Medicine Center came to fruition as a result of three years of planning. In 2016, formal operations began, offering quality animal blood transfusion treatment services. In addition to storing animal blood, which can be used by veterinary hospitals, the Center also performs blood separation and pathogen detection work to ensure blood quality meets its standards.

Domestically, due to differences in environmental and animal rearing conditions in different areas of the country, blood parasites and transmissible diseases are quite common. Thus, strict controls, pathogen detection protocols and screenings have a huge impact on the safety of the animals receiving blood. The Center hopes to partner up with animal hospitals and provided them with invaluable clinical support, leading to an improved overall level of domestic animal medical welfare.



College of Management

Digitized Production Traceability SAG Aquaculture Model Grouper Alliance Promotes Core Technology

Through the establishment of an innovative model for domestic sales that introduces refrigeration technology, this new system has transformed the way in which whole and live fish products are marketed from top to bottom. From specially designed sliced packaging for family or group meals to the advanced cultivation concepts incorporated into the creation of cultivation pond monitoring and control systems – the model has brought together production, marketing traceability, processing and QR code sales design to establish a complete and compressive system. From upstream to end market, horizontal and vertical cross-domain integration has been used to achieve stable development for grouper production.

Ornamental Fish Production Information Network

Working together with the Pingtung Agricultural Biotechnology Park, the College of Management has employed industry-government-academia research capabilities, integrated the Department of Business Administration's expertise in digital business platforms, drawn from the College of Veterinary Medicine's knowledge in biology, and focused the Computer Center's technical skills—all for the planning and development of an "ornamental fish production information system" and "ornamental fish expert diagnostics system" which have compiled nearly 200 ornamental fish illustrations and which are programmed with a responsive mobile device support system. Also, a fish disease diagnostic platform was established to facilitate cooperation among industry, government and academia, helping them conduct research and development and get the resources they need to resolve unexpected problems. Working together, we hope to move Taiwan's ornamental fish industry to the next level.

Department of Fashion Design and Management: Consciousness for Creative Beauty

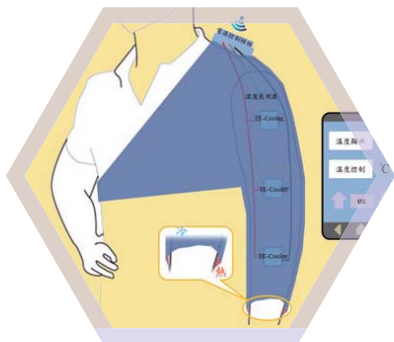
The main axis of the Department of Fashion Design and Management is centered on "design and management". With the aim of cultivating creativity and developing skills in business management, humanities, art and technology are melded together in to create interdisciplinary course content that provides students with skills needed to move between various industry sectors after graduation, as they learn to bring their strengths into play. Through fashion shows, international conferences, and the integration of on- and off-campus fashion resources, the Department is continuously sharing and exhibiting its work with a variety of groups and sectors. The Department also incorporates the latest Hollywood HD movie airbrushing techniques, cooperating with the film industry and inviting foreign special effects make-up artists to provide instruction on Hollywood FX trends, HD airbrush makeup application, and transformative makeup technology, so that students have a chance to learn the make-up techniques currently used by the Hollywood film industry and expand their horizons.

College of Humanities and Social Sciences

Research on Old-Age Community Care

The College of Humanities and Social Sciences conducts research on old-age community care, carries out surveys on the living conditions and welfare needs of the elderly, and develops functional fitness course materials to improve day-care center service operations.

In addition to shouldering the important responsibility of training community care life counselors, "seed" teachers and volunteers, workshops are also organized with a number of Pingtung social welfare agencies, using teaching materials that promote old-age fitness and revitalize the health of the elderly. Student volunteer teams are also organized to provide in-depth care to elderly people living in rural areas of Pingtung. While old-age care is primarily based on academic research, it is complemented by volunteer service projects orientated towards the establishment of friendly elderly nursing care environments and quality long-term care situations suitable for the "golden years" of our senior citizens.



Innovative Exercise Equipment Design and Development

In order to promote the balanced development of morals, knowledge, physical fitness, relationships, and aesthetics, the College has organized an innovative sports equipment design and development team. With three years of R&D under its belt, the team has already received design patents for 10 pieces of sports equipment, including a "smart hot/cold pack devise" that allows athletes to adjust temperatures according to their needs. The team received the "Excellent Innovative Design Award" at the 2016 Sports Technology Innovative Design Competition and is currently working to turn the design into a product that will hopefully be available on the market in the near future.



International College

Arowana Fish Cultivation

The arowana fish lives in a very particular habitat and has meat quality comparable to deep-water ocean fish. With saturated fatty acid levels 3~5 times higher than other fish, it is also highly valued for its caviar. Thus, recognizing a valuable market opportunity, the International College joined forces with Malaysian company, Baolai International, for a cooperative industry-academia project on the production and marketing of the fish. The College developed ultrasound technology to distinguish fish gender, performed fish body collagen extractions, and created a database to facilitate cultivation processes, thereby adding considerable economic value to the industry. The successful artificial cultivation of the arowana fish in a tropical country is considered to be a major breakthrough and holds much potential for people living in warmer regions.

International Networks

The Overseas Youth Vocational Training School History

In 1963, in coordination with the Ministry of Education (MOE) and Overseas Community Affairs Council, the "Overseas Youth Vocational Training School" was established. Bright agriculturalists were recruited to take part in training programs and the university adopted an innovative model that put focus on foreign agricultural aid. Later, categories of foreign aid expanded into other professional fields including engineering, management, humanities and climate disaster prevention. Over the years, the majority of students who have attended the training school has come from Malaysia, and many of these have gone on to occupy important leadership roles or start their own businesses in their country, thus helping to spread the reputation of NPUST.



Internationally Orientated

NPUST now enjoys sister-school relationships with 274 universities or colleges in 46 countries. There are also more than 650 international students from 46 countries currently enrolled in programs at the university, meaning that our network of allies extends across the globe. Special features of NPUST's development include tropical agriculture and agriculture science and technology. The university actively participates in international exchanges and is coordinating with the New Southbound Policy to expand its network. Through interaction with international academic organizations, inter-school research cooperation, "seed teacher" training, and student exchanges, NPUST continues to attract outstanding overseas faculties and students to come to the university for academic pursuits. NPUST has also made major contributions to the development of technologically-based agriculture in many ally nations in Southeast Asia.





Southbound Policy Takes Root in Thailand

Under commission to manage the Ministry of Education “Thailand Taiwan Education Center”, NPUST has used Chinese language education programs to help promote student recruitment and academic exchange, and the university’s outstanding success in this area has set the standard for Taiwan Education Centers around the world. The university is also working with the government to build up overseas human resources and equip the country with the type of skilled professionals that the country needs. By implementing bilateral exchanges and bolstering education resource networks in Taiwan and Thailand, NPUST continuously works towards expanding the impact of Taiwan’s higher education abroad.



ASEAN and World Agriculture University Alliances

In 2012, together with renowned agriculture universities in Thailand, Malaysia, Indonesia, Vietnam and other nations, NPUST created the University Network for Tropical Agriculture (UNTA). Currently, 25 of Southeast Asia’s top universities are members of the alliance; while NPUST, standing out for its tropical agriculture expertise, continues to maintain a leadership role. By integrating cross-domain skills and drawing on the knowledge of scholars, agriculturalist, public officials, entrepreneurs and cultural representatives, NPUST is creating a brand new era of learning under the banner of “Agriculture 4.0”.



The university is also actively developing cooperative partnerships with ASEAN member nations (Vietnam, Indonesia, Laos, etc.), providing them with technological support, and extending opportunities for them to send their talent to take part in advanced studies at NPUST. Such policies have added a new layer of depth to our overseas friendships and strengthened the education resource network that exists between the university and ASEAN member countries.

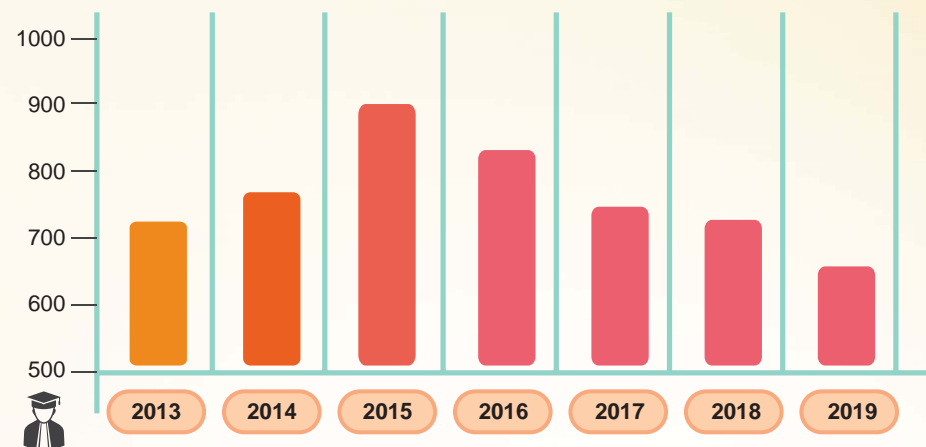


NPUST is located in one of Taiwan’s main agricultural counties and has used its geographic position as a launch pad for agricultural development. As it helps shoulder the responsibilities embodied by the New Southbound Policy, NPUST emphasizes the advancement of education in agriculture, while integrating the vocational education resources of diverse countries – looking beyond the borders of Taiwan and bringing the Southbound Policy to the next level.

Regional Distribution of International Students, 2019



Number of International Students



Achievements of Outstanding Alumni



Mr. Willis Cheng Chairman

Animal Husbandry Veterinary Medicine (1959)
Charoen Pokphand Enterprise Co. Ltd.

Mr. Willis Cheng was a founding shareholder of Taiwan's Charoen Pokphand Enterprise Co., Ltd. when it was established in 1997. In the 20 years that followed, he spent time overseas working hard for Taiwan's agriculture and livestock industry in Europe, China and Thailand.

After returning to Taiwan, Mr. Cheng made an active effort to support his Alma Mater. In addition to offering scholarships and sharing practical experiences, he provided strong support to the Department of Veterinary Medicine as they worked to establish the Veterinary Transfusion Medicine Center. For his work in training the next generation of agriculture and livestock professionals, in the year 2000 he was named an Outstanding Alumnus of NPUST. In 2010, Mr. Cheng received an Honorary Doctor of Agriculture and in 2014 he received the University Development Contribution Award.



Mr. Chung Hsiung Wang Chairman

Mechanical Engineering for Agriculture (3 year vocational) (1964)
Seven States Enterprise Co. LTD.

Mr. Chung Hsiung Wang graduated from the Mechanical Engineering for Agriculture Program in 1964. In 1991, at the age of 50, he reached a new peak in his career by establishing Seven States Enterprise Co., Ltd. In 1994 the company had already become the first in Taiwan to produce reinforcing geogrids. Over the last several years, NPUST and Seven States have cooperated on many joint research and testing projects, working to improve Taiwan's environment.



Mr. Jing-Hwa Tuan Chairman

Forestry (3 year vocational) (1970)
Hong Pu real Estate Development Co. LTD.

Mr. Jing-Hwa Tuan established Hong Pu Real Estate Development in 1988 and in 1996 he successfully led the company through the effort to get the company listed on the Taiwan Stock Exchange. Since then he has continuously received the approval and support of foreign investors with large holdings and has seen success as one of the foremost developers in the country.

For many years, Mr. Tuan has also developed green park areas for the public to enjoy and has taken action to respond to the government's carbon cutting activities. Additionally, Mr. Tuan has further invested in social care; providing rural community schools with book purchasing funds and animal care organizations with stray animal care funds. In 2005 Mr. Tuan was named an Outstanding Alumnus of NPUST and in 2017 he received an Honorary Doctorate Degree in Agriculture.



Mr. Pei-Chung Chen Chairman

Veterinary Medicine (3 year vocational) (1988)
Charoen Pokphand Enterprise Co. Ltd.

Mr. Pei-Chung Chen graduated from NPUST's three year vocational program in veterinary medicine in 1988. In 2006, he established the Loving Kind Animal Welfare Foundation, investing himself for the long-term in work that focuses on caring for animals. He also spent time actively conducting work on epidemic prevention and promoting related government policies, including chip registration for dogs and livestock, and administration of rabies shots for dogs. Mr. Pei-Chung Chen also spares no effort when it comes to investing his knowledge and experience back into society. He is an active student of clinical pathology and has trained many outstanding clinical veterinarians. In 2014, he was named an Outstanding Alumnus of NPUST.



Mr. Chia-pin Chung Legislator

Executive Masters of Business Administration (2014)
Legislative Yuan

Legislative member Chia-pin Chung graduated from the Executive Masters of Business Administration in 2014. Earlier on, when he was studying at National Taiwan University, he was already a key player in student movements and actively promoted campus democracy. Later on, he took on a series of important positions in political circles and in 2006 became the deputy-magistrate of Pingtung County.

Legislator Chung, with his own rich education and experienced background, has shown concern for the cultivation of talent in high level technical and vocational education and, on many occasions, has returned to his Alma Mater to give lectures or participate in activities, sharing with students and encouraging them. Not only has he brought his experiences into the world of learning, but has also worked to create bridges between industry, government and academic sectors to increase mutual benefit through resource sharing and interaction.



Mr. Victoriano Joseph Pascual Director of Water Management and
Climate Change Department, Belize

Tropical Agriculture and International Cooperation Doctoral Program (2017)
Ministry of Agriculture, Fisheries, Forestry, the Environment, Sustainable
Development and Immigration

After Victoriano Joseph Pascual graduated from the Tropical Agriculture and International Cooperation Doctoral Program in 2017, he returned to his native country of Belize to serve as Director of the Water Management and Climate Change Department. In addition to contributing what he has learned to his country, he continuously works to promote the relationship between Taiwan and Belize.

Map and Directions



1. Exit the No. 3 National Freeway at the Changchi off-ramp, continue straight on the ground level road that runs parallel underneath the freeway for 5.3 km. Turn left (the freeway support column at the turn off is painted with NPUST themed mural). Follow Keda Rd. towards the university and watch for traffic signs to direct you towards NPUST.
2. Following the No. 1 Provincial Highway south, turn left onto the No. 37 (directly after passing Linluo Junior High School). Continue for approximately 3.2 km, then turn right onto Keda Rd. Drive for approximately 5.8 km following the NPUST traffic direction signs until reaching the university gate.
3. From the No.1 National Freeway, catch the No. 88 Express Way heading in the direction of the Zhutien Interchange. Transfer to the No. 3 National Freeway (heading North for Pingtung) and then exit at the Pingtung/ Neipu off-ramp. Follow the No. 37 (as per route 2, above) until reaching the university.
4. Travelling north (from Kenting) on the Number 1 Provincial Highway, once entering the Neipu city-center, follow the Number 187 to the university gate.



1, Shuefu Road, Neipu, Pingtung 91201, Taiwan (R.O.C)

Tel: +886-8-7703202

Fax: +886-8-7702226

2020 Academic Year Version