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臺科大
TAIWAN TECH



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臺科大 Taiwan Tech

校內新聞快報【二月・第12期】 School News Bulletin, February, Issue 12

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1111人力銀行公布2024企業最愛大學 臺科大連續四年穩坐技職第一

1111 Human Resources Bank announces the 2024 favorite universities by enterprises, with Taiwan Tech ranking as the top choice for technical and vocational fields for the fourth consecutive year

📅 2024-02-28



1111人力銀行27日公布〈2024企業最愛大學調查〉，國立臺灣科技大學連續四年拿下「公立科技大學」排名第一、在「整體排行」僅次於成大、台大及陽明交大，名列全國第四，且為前十名中唯一的科技校院，亮眼成果有目共睹、深受企業肯定。1111人力銀行指出，今年臺科大在「公立科技大學」部分依舊穩坐冠軍寶座，學生在國際設計創新領域上表現突出，設計系的學生更以「虛擬實境百變搖桿」、「RTV- 快速醫療指揮車」、「可拆式桌子」等作品拿下紅點設計概念獎，展現強大的創新能力。在英國泰晤士報高等教育特刊發布的「2024 年世界大學排名」中，臺科大在國際展望項目也排名全國第一，展現一流的領先水準。調查顯示，企業雇用社會新鮮人時看重的前三項特質分別為：「解決問題的能力(65%)」、「團隊合作的能力(58.8%)」、「溝通表達的能力(42.5%)」。臺科大因應產業與國際人才需求，深化與企業、國際的鏈結，鼓勵學生提出創新解決方案，避免學用落差，如：拓展產學合作、企業實習、交換學生、海外研習、專業課程全英語授課(EMI)等，用豐富的教學資源強化學生競爭力與就業力。[...點擊看更多](#)

On the 27th, 1111 Human Resources Bank released the "2024 Survey of Enterprises' Favorite Universities," with Taiwan Tech maintaining its position as the top-ranked public technological university for the fourth consecutive year. Taiwan Tech ranks only behind National Cheng Kung University, National Taiwan University, and Yang Ming Chiao Tung University in the overall rankings, securing the fourth position nationwide and standing as the only technological university within the top ten. Its outstanding achievements are widely recognized and highly praised by businesses. According to 1111 Human Resources Bank, Taiwan continues to hold the top spot in the "public technological university" category this year. Its students have outstanding performance in the field of international design innovation. [...more](#)

臺科大校長顏家鈺：「先進者優勢」奏效，國際化已成日常

President of Taiwan Tech, Jia-Yush Yen, mentioned: "Advantage of the Pioneers" takes effect, and internationalization has become a daily routine

📅 2024-02-27



(本文摘錄改寫自遠見雜誌2024大學暨技職入學指南，2024年2月26日，<https://www.gvm.com.tw/article/110291>) 2024年泰晤士高等教育特刊 (THE) 發布「2024年世界大學排名」，臺灣科技大學在「國際展望」項目排名全台第一。臺科大多年來致力於打造國際化校園環境，透過校友口碑行銷吸引更多國際學生，形成正向循環。臺科大在20年前就意識到少子化對招生的影響，以印尼為首要目標，開始提供獎學金招募外國優秀學生，取得「先進者優勢」，也奠定國際化校園的基礎。外籍學生人數逐年增長，臺科大也積極營造友善環境，例如：全英語授課、清真餐廳、穆斯林祈禱室等生活的配套措施，使國際學生能夠更自在地學習。顏家鈺校長表示，本地生也會用英文積極與外籍生交流，不但訓練外語能力，也增加就業競爭力。近年來，臺灣科技產業國際影響力上升，吸引許多國際學生留台就業，為台灣產業招募更多優秀人才。[...點擊看更多](#)

(This article is excerpted and rewritten from the 2024 University and Technical Vocational Admission Guide published by Global Views Monthly on February 26, 2024, <https://www.gvm.com.tw/article/110291>). In the "2024 World University Rankings" released by the Times Higher Education (THE), Taiwan Tech ranks first in Taiwan in the "International Outlook" category. Taiwan Tech has been committed to creating an international campus environment for many years, attracting more international students through alumni word-of-mouth marketing, thus forming a positive cycle. Taiwan Tech recognized the impact of declining birth rates on enrollment twenty years ago. With Indonesia as its primary target, it began offering scholarships to recruit outstanding foreign students, gaining the "advantage of the pioneers" and laying the foundation for an internationalized campus. [...more](#)

培育兼具技術與社會責任的國際人才 臺科大助巴拉圭學子設計太陽能捕蚊燈防治登革熱

Taiwan Tech assists Paraguayan students in designing solar-powered bug zapper to prevent dengue fever, cultivating international talents with both technical skills and social responsibility

2024-02-26



長年以來，巴拉圭一直深受登革熱嚴峻疫情所擾，因此國立臺灣科技大學發起巴拉圭亞松森市病媒蚊防治計畫，帶領臺灣-巴拉圭科技大學(以下簡稱臺巴科大)學生關注病媒蚊議題，透過設計太陽能捕蚊燈協助防疫工作，提升學生社會責任意識，也擴大臺科大國際影響力。臺科大投入國際教育資源啟動巴拉圭USR-Hub計畫，讓臺巴科大學生發揮所學，聚焦太陽能捕蚊燈裝置的研發和應用，有效降低蚊蟲傳播疾病的風險，為巴拉圭提供更安全的生活環境，與此同時更以太陽能裝置降低能源消耗，兼具環保與永續。臺科大將專題實務課程結合巴拉圭生活經驗，用實際行動引導學生將在校所學技能回饋社區。機械工程系劉孟昆副教授表示，他們將不同科系的學生組成小組，針對捕蚊裝置進行發想，除了學習電路板設計、外觀設計等，也將技職務實「做中學」的精神帶給巴拉圭學生。他也指出，下一階段將與當地的亞松森大學合作，以流體力學分析提升捕蚊裝置的進氣效率，並將成品放置於社區內解決蚊蟲問題，學生們也對此感到相當興奮。[...點擊看更多](#)

For many years, Paraguay has been severely affected by the serious epidemic of dengue fever. Therefore, Taiwan Tech initiated a mosquito vector control project in Asunción, Paraguay. This project led students from the Universidad Politecnica Taiwán Paraguay (hereinafter referred to as Taiwan-Paraguay Tech University) to raise awareness among students about mosquito vector issues. Through the design of solar-powered mosquito lamps to assist in epidemic prevention efforts, students' social responsibility awareness is enhanced, and the international influence of Taiwan Tech is also expanded." Taiwan Tech has invested international educational resources to launch the USR-Hub project in Paraguay, allowing Taiwan-Paraguay Tech students to use their knowledge and focus on the development and application of solar-powered mosquito trap devices, effectively reducing the risk of mosquito-borne diseases and providing a safer living environment for Paraguay.[...more](#)

臺科大伴讀制度 只要有心向學，都可以被接住

The Taiwan Tech's companion study system: As long as you are eager to learn, you can be accepted

2024-02-19



今天是許多大學開學的日子，然而有許多大學生憂心：「在大學如果課業趕不上進度，該怎麼辦？」在大學生茫然不知所措之際，臺科大提供學業伴讀制度，讓希望課業精進的同學，只要有心向學，都可申請。另外，若是低收入或弱勢等8類的「築夢生」申請伴讀，還有補助可領，更實質鼓勵學子。自臺科大機械所畢業的國手陳奕樞，大學時期曾經也申請伴讀。她回憶，一開始課業壓力大，有格格不入感覺，覺得自己好像不夠聰明。對伴讀也有誤解，認為是示弱行為。但在建議下申請後，發現幫助極大，課業開始跟上同學，之後更繼續就讀碩士班。陳奕樞非常感謝伴讀制度讓自己不用任何花費就跟上課業，伴讀員也可以藉此獲得津貼，是雙贏方法。讓需要伴讀的同學，在教育體制內，可以被接住。工管系三年級的劉亦晨自認在高中的底子不夠好，所以上課時無法快速吸收授課內容，因此在「作業研究」跟「統計學」兩個科目申請伴讀。[...點擊看更多](#)

Today is the first day of school for many universities. However, many college students are worried: "What should I do if I can't keep up with my studies in college?" When college students are at a loss, Taiwan Tech provides an academic accompanying system for students, allowing students who aspire to improve their academic performance to apply as long as they are eager to learn. In addition, if students from eight categories such as low-income or disadvantaged backgrounds apply for accompanying study, they can receive subsidies, which further encourages students. Yi-Chun Chen, a national athlete who graduated from the Department of Mechanical Engineering at Taiwan Tech, also applied to study as a companion during her university years. She recalled that at the beginning, she was under a lot of pressure from schoolwork and felt out of place, thinking she wasn't smart enough.[...more](#)

追日的綠藻牆 臺科大團隊綠藻創業

2024-02-05

The Pursuing-the-Sun Green Algae Wall: Taiwan Tech Team's Green Algae Entrepreneurship



目前臺灣智慧綠建築已達到新台幣31億元規模，臺科大綠佳佳創業團隊以綠建築整合綠藻產品出發，發展室外藻類模組綠牆以及室內綠藻淨氣機，初步實現生質能源研究與永續減碳設計。以期在人類知識理論極限下，創造永續、舒適且創新生活方式。室外綠藻綠牆特色是結合光感測器的追光綠藻養殖外立面模組，相較德國已面世的客製化結合式住宅，增加了可追著太陽角度旋轉的光感測器，並在設計、開模、配管、配電、製造上，具備一條龍式管理。綠佳佳團隊已設立公司，創辦人賴弘翌是臺科大建築系博士候選人，他說明，目前產品研發均使用AIoT (人工智慧AI結合物聯網IoT) 優化綠藻養殖技術控制參數，在APP後台協助建立雲端數據監控後台回收數據，小至優化居家室內空氣，大至協助碳盤查及ESG報告等企業減碳。綠佳佳團隊已設立公司，創辦人賴弘翌是臺科大建築系博士候選人，他說明，目前產品研發均使用AIoT (人工智慧AI結合物聯網IoT) 優化綠藻養殖技術控制參數，在APP後台協助建立雲端數據監控後台回收數據，小至優化居家室內空氣，大至協助碳盤查及ESG報告等企業減碳。 [...點擊看更多](#)

Currently, Taiwan's smart green building industry has reached a scale of 3.1 billion New Taiwan Dollars. The Taiwan Tech Green Jiajia Entrepreneurship Team started by integrating green algae products into green buildings and developed outdoor algae module green walls and indoor algae air purifiers, aiming to achieve initial success in biomass energy research and sustainable carbon reduction design. Their goal is to create a sustainable, comfortable, and innovative lifestyle within the limits of human knowledge theory. The outdoor green algae green wall features a light-chasing green algae cultivation facade module combined with a light sensor. Compared to the custom-integrated residential structures already available in Germany, it adds light sensors that can rotate to follow the angle of the sun, and it possesses a one-stop management system for design, mold-making, piping, power distribution, and manufacturing. [...more](#)