

Management Sciences Department Signs Agreement on LEO Satellite, Issues 50 International Certificates at Business Management Seminar, Hosts First Carbon Neutrality International Conference

Campus focus

The Department of Management Sciences, in collaboration with the Aerospace Engineering Department, recently signed a cooperation agreement with Transcend Satellite Technology, an Indian company specializing in low-Earth orbit (LEO) satellite technology. This collaboration marks the department as the first to cultivate students for careers in the LEO satellite/space industry. Under the guidance of the department chair, Dr. I-Fei Chen, the "Business Management Seminar" course offers a series of ESG sustainable development awareness and foundational courses. Students who pass the assessment will receive relevant certifications from TÜV Nord Taiwan, making them the first batch of undergraduate students in Taiwan to obtain international certifications. Additionally, the Department of Management Science will host the first international conference on achieving carbon neutrality certification on May 25.

Dr. Chen stated that the project they participate in, hosted by the Industrial Technology Research Institute (ITRI), aims to initiate space technology cooperation between Taiwan and India and promote the development of the aerospace and LEO satellite industries. This endeavor enhances the value of AI intelligence and data science in decision-making. Furthermore, it offers opportunities for students in the humanities to engage in space exploration and pursue high-tech aerospace industry careers. The Aerospace Engineering Department provides technical support, while the Department of Management Sciences contributes expertise in management and big data, cultivating talents with the technical and managerial capabilities required for space exploration. They assist the space industry in project management and strategy formulation. This interdisciplinary collaboration expands students' options and career prospects. The project will collaborate with the Taiwan Space Agency (TASA) to organize a series of interdisciplinary

seminars and workshops in the future.

This semester, 250 students enrolled in the Business Management Seminar course. An advanced course is scheduled to be offered on June 21 at the end of the semester. Upon passing the test, it is expected that 50 international certifications will be issued, allowing students to obtain internationally recognized qualifications upon graduation. Dr. Chen mentioned that in line with Tamkang University's vision of "AI+SDGs= ∞ ," the Management Sciences Department hopes to differentiate itself from other departments by cultivating "management scientists." She said that if students respond well to the course, similar courses may be offered again in the next semester or during the winter and summer breaks.

Through the New Southbound Policy promotion plan, the Management Sciences Department will hold an international conference at the Fullon Hotel in Tamsui on May 25. It will implement voluntary carbon neutrality certification for the first time, becoming the first international conference in Taiwan to truly achieve carbon neutrality. The conference invites scholars from New Zealand, Thailand, Indonesia, Vietnam, and Taiwan to participate. The Management Sciences Department, Fullon Hotel in Tamsui, and Wisdom Gathering Consulting Company will collaborate through voluntary carbon inventory checks and net-zero actions, such as examining the facilities used by the hotel, including water, electricity, shower gel, and meal preparation, calculating the total carbon emissions for the day, and then purchasing carbon credits to achieve carbon neutrality standards, to make the hotel the first demonstration site.



