

NEWS

Can Tho University Hosts Kasetsart Students for Environmental Engineering Internship Program

Introduction

- The College of Environment and Natural Resources (CENRes), Can Tho University, in collaboration with the Faculty of Science and Engineering, Kasetsart University (Thailand), and Nano Environmental Technology Construction Co., Ltd. (NANOEN), successfully organized a student internship exchange program from November 28, 2025 to February 25, 2026.
- The program welcomed three students from Kasetsart University—Atsarapon Thamnu, Chadaphon Wiriyakit, and Viriya Prasert—and aimed to strengthen international collaboration while enhancing students' research and practical skills in environmental technology and wastewater treatment.

Internship Program and Research Activities

During the internship, the students conducted a research project titled “Development of microbial sludge during the start-up phase to optimize the economic efficiency and operational performance of wastewater treatment systems” at NANOEN Company.

In addition to their research project, the students participated in a range of academic and laboratory activities at CENRes, including:

- Research on heavy metal removal using biochar derived from soybean residues
- Analysis of key wastewater quality parameters such as COD, MLSS, TN, and TP
- Practical training with advanced analytical equipment, including the Analytik Jena NovAA 800D Atomic Absorption Spectrometer (AAS)
- Laboratory practice in specialized research laboratories (RLC)
- These activities provided students with hands-on experience in experimental design, laboratory analysis, data processing, and environmental technology applications.

Academic Exchange and Professional Development

- As part of the program, the students also attended and presented at academic seminars organized by faculty members of CENRes. These seminars created opportunities for professional exchange, allowing students to share research findings, discuss

environmental engineering challenges, and improve their academic presentation skills in an international learning environment.

- The internship program included experimental preparation, sample analysis, laboratory experimentation, data interpretation, and the preparation of a final research report, ensuring comprehensive training in both research methodology and practical environmental engineering applications.

The program was supervised and coordinated by:

- Assoc. Prof. Dr. Do Thi My Phuong – Can Tho University
- Assoc. Prof. Dr. Ekkachai Kanchanatip – Kasetsart University
- Ms. Lam Kim Nhung – NANOEN Company

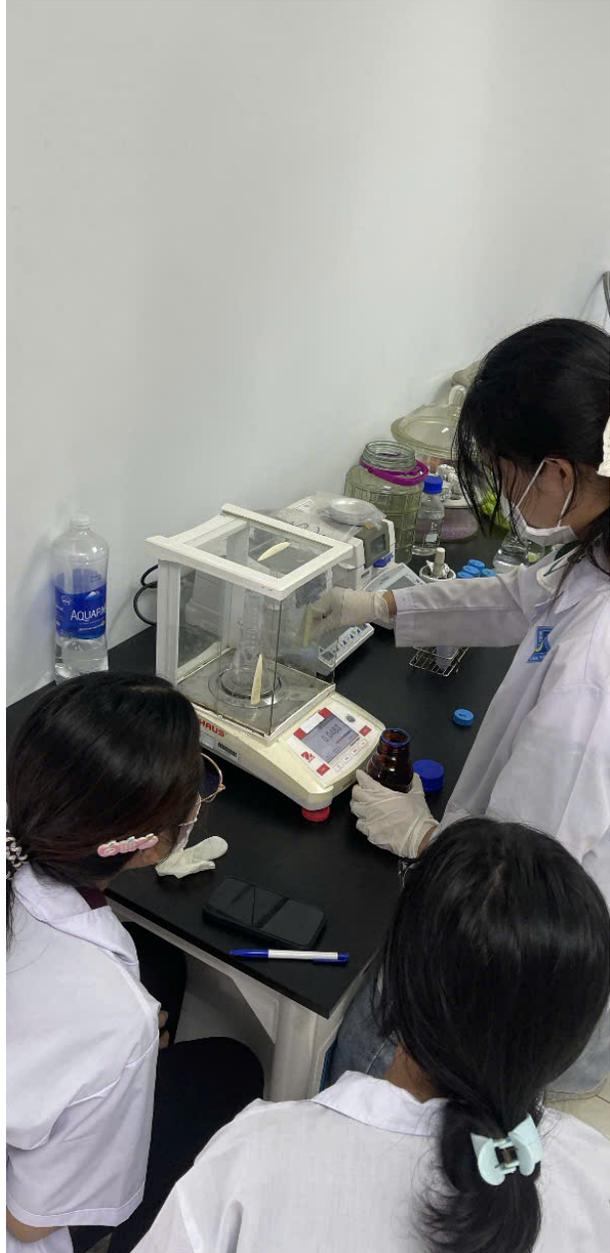
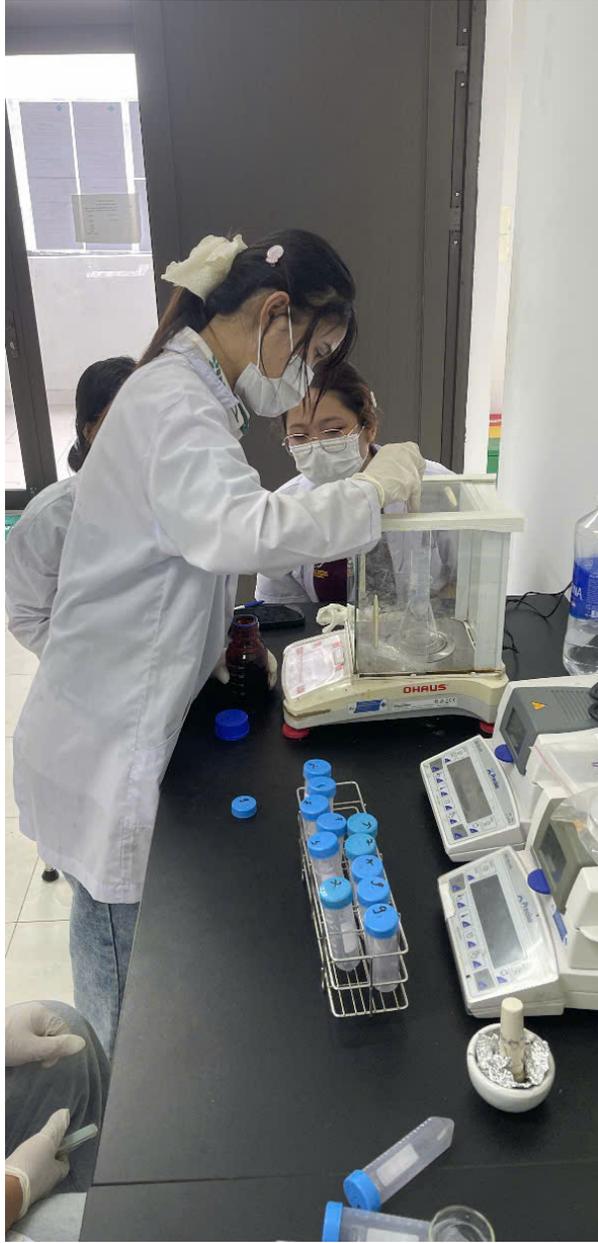
Through this collaborative initiative, the program strengthened institutional partnerships while providing students with valuable opportunities to develop professional expertise, research capability, and international academic engagement.

Internship Activities in Photos

The following photos capture key moments from the internship program, highlighting laboratory training, research activities, and academic exchange between Kasetsart University students, faculty members of CENRes, and experts from NANOEN Company.



Training on the operation of the VMF 165 pyrolysis furnace (Yamada Denki, Japan) for carbonizing soybean residue at the Biochar Laboratory, CENRes.





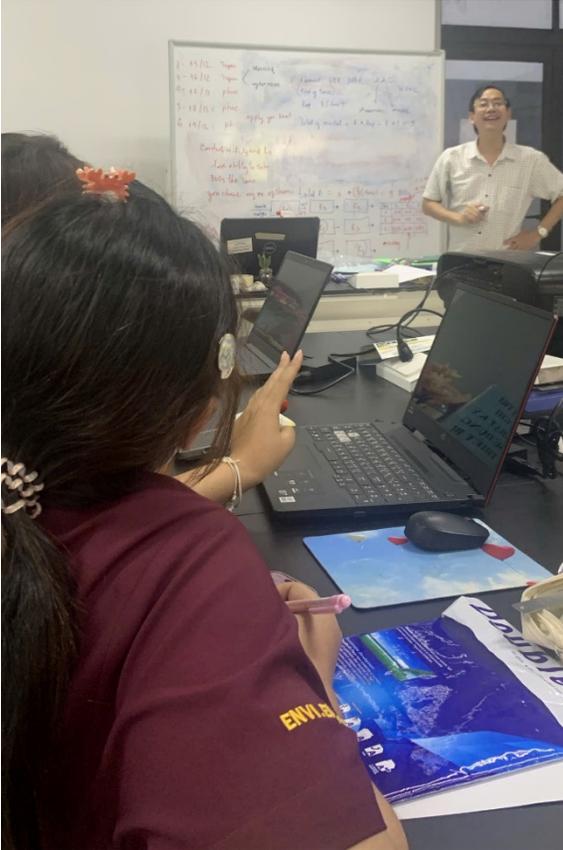
Practical training using the Ohaus AX224 analytical balance and sieve set for batch experiment preparation at the Solid Waste Treatment Laboratory (RLC).



Training on the Analytik Jena NovAA 800D Atomic Absorption Spectrometer (AAS) for metal analysis.

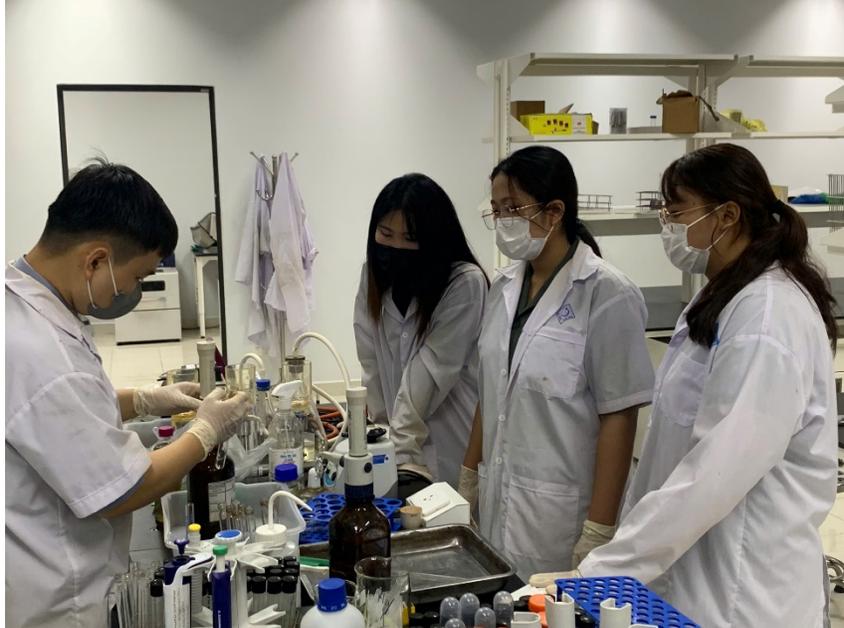


Rapid measurement of wastewater parameters at the Advanced Water and Wastewater Laboratory (RLC).



Data analysis and determination of key wastewater indicators (COD, MLSS, TN, TP) at the Environmental Engineering Chemistry Laboratory (RLC).







Data analysis and determination of key wastewater parameters (COD, MLSS, TN, TP) at





Participation in academic seminars and presentation of internship results at NANOEN Company.