School for the students
12-16 January, 2026, Riga Technical University

The five-day training programme combined lectures, laboratory work, site visits, and project-based learning to strengthen students' digital, technological, and transversal competences aligned with Industry 4.0 and sustainable engineering education.

The training brought together academic staff and students from multiple partner universities and was organised in close coordination with project meetings, ensuring coherence between educational activities and project objectives. The programme structure followed a progressive learning logic, moving from foundational concepts of digital transformation towards applied laboratory work and student-driven innovation.

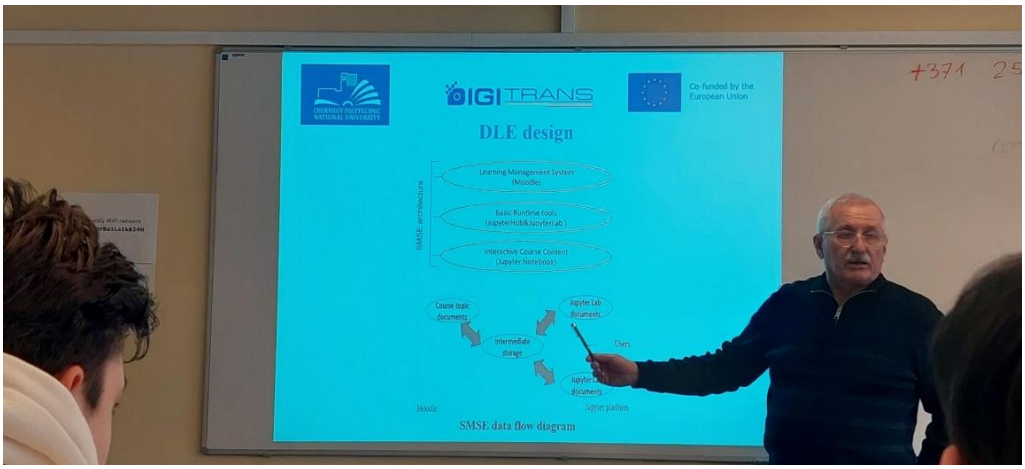
A distinctive feature of the Student School was its strong emphasis on **hands-on learning and real-world exposure**. Students participated in:

- laboratory-based prototyping and experimentation,
- site visits to innovation environments (e.g., SkyLAB design factory),
- applied demonstrations of advanced technologies,
- guided coaching sessions focused on pitching and innovation communication.

First general meeting

SkyLAB visiting

This approach enabled students to connect theoretical knowledge with practical implementation, reinforcing the DIGITRANS objective of bridging university education and industry-relevant competencies.



Lecture of prof. Volodymyr Kazymyr:
Digital Learning Ecosystem (DLE): Online concept for engineering education

The training culminated in a **Student Pitch Session**, during which teams presented and defended their innovative prototypes developed during the week. This final session assessed not only technical quality but also creativity, feasibility, and clarity of presentation. The pitch format strengthened entrepreneurial thinking and communication skills, which are key components of sustainable university–enterprise engagement.

The Student School concluded with a formal closing session and the **awarding of Certificates of Attendance**, recognising students' active participation and learning outcomes.

CPNU student's team:
Lysenok Denys, Zenenko Yelizaveta, Romanenko Myroslava, Klochko Kostiantyn

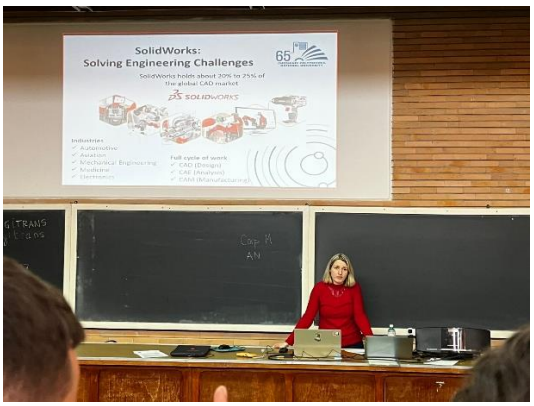
The prototype was designed for individuals with visual impairments. It consisted of a navigational white cane equipped with sensors that provide auditory feedback to the user. The primary advantage of this device is its cost-effectiveness in comparison to existing market alternatives.

Training School for students
February 9 – 13, 2026, "Dunarea de Jos" University of Galati

The five-day training programme combined lectures, laboratory trainings and Industry 4.0 enterprises visits as parts of sustainable engineering education.

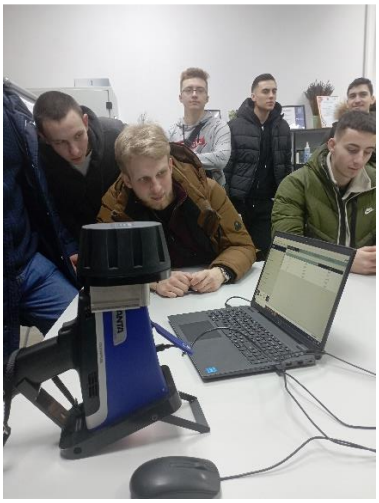
CPNU student's team:
Sukholit Maksym, Pylypenko Dmytro, Havrylenko Vladyslav, Yurets Nazarii

The school activities include academic staff lectures in modern automotive Industry such as: CAD in the Automotive Industry, Hydrogen in automotive sector, Electric and hybrid car testing, Skills in Technical Diagnostics of Vehicle, Economic and Environmental Impact of Electric Vehicles, Use of alternative fuels in transportation, Use of alternative fuels in transportation, CFD use in automotive engineering, Recent advances in vehicle dynamics, Advanced Materials in Automotive Engineering and practice in maintenance, inspection, diagnosis, repair, and reconditioning of automotive at TRANSURB SA Galati.



The Lecture of ass. prof. Kolohoida Antonina:
CAD in the Automotive Industry

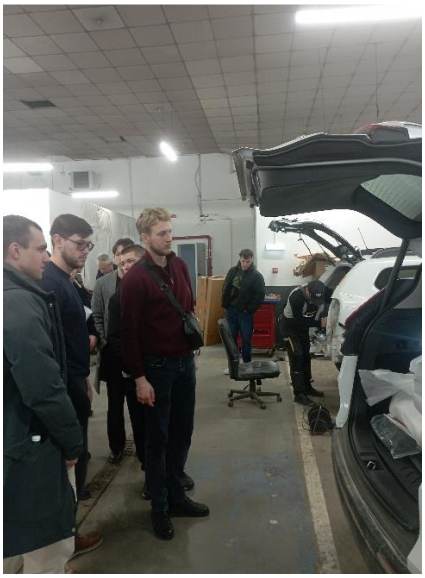
Students and teachers have visited to laboratories on ship model testing pool, welding lab, material science lab; mechatronic lab.


Welding lab Material science lab Mechatronic lab

Familiarization with enterprises of the modern automotive industry included visits to The automotive component manufacturer Yazaki Company and to the APAN Automobile in Braila & Galati.

Visit to Yazaki Company



Visit to APAN Automobile

At the end of the school, all participants were awarded Certificates of Attendance.

On-line Students Training School
March 2–6, 2026, National and Kapodistrian University of Athens (NKUA)

The primary objective of the training activity was to provide students with advanced theoretical knowledge and practical insights related to microgrid design, cybersecurity in energy systems, and inverter design and simulation.
The learning objectives of the training school included: understanding the role of microgrids in modern and resilient energy systems, basic competencies in microgrid modeling and optimization tools, introducing cybersecurity principles relevant to energy infrastructure and digital communication.
CPNU students of computer engineering speciality were able to familiarize themselves with school materials through presentations provided by teachers.
(https://drive.google.com/drive/folders/1yZ3WGoCfLDpBX5oUgg3mYIxTjW70GP9X)