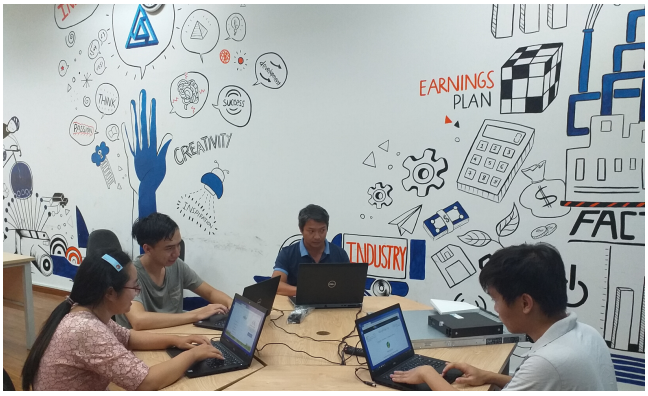
ALIEN

Co-funded by the Erasmus+ Programme of the European Union

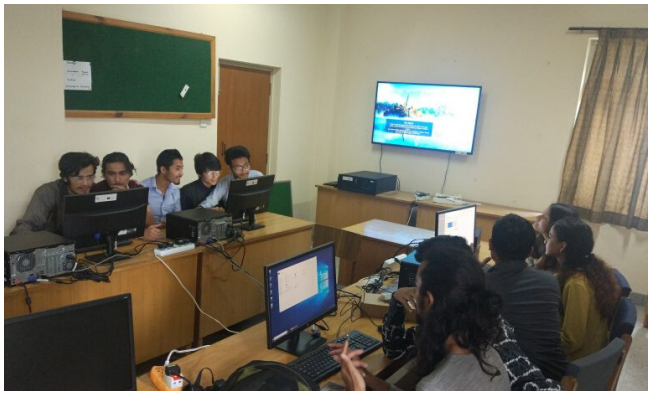
PHYSICAL PBL LABS

All physical PBL labs are being established at partner country institutions and are being used in courses.

Alien PBL Lab in University Tenaga Nasional, Malaysia



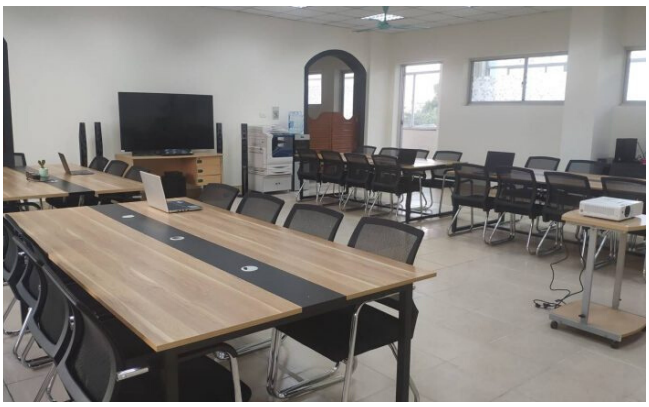
Alien PBL Lab in John Von Neumann Institute, Vietnam



Alien PBL Lab in Tribhuvan University, Nepal

Alien PBL Lab in Fast National University of Computer and Emerging Sciences, Pakistan

Alien PBL Lab in Isra University, Pakistan



Alien PBL Lab in Hanoi University of Science and Technology, Vietnam

4TH CONSORTIUM MEETING IN HANOI, VIETNAM ON 04-06 DECEMBER 2019

The meeting was attended by all academic partners from Asia and Europe. Issues related to the operation of the new laboratories as well as the pilot use of digital research project services in learning processes were discussed.

Group photograph of ALIEN partners during the 4th Consortium Meeting in Hanoi, Vietnam

After completion of the meeting, the consortium organized a training event for educators. The purpose of the event was to build skills on integrating problem-solving activities in the classroom.

Bridge Challenge Workshop

Bridge Challenge by ALIEN partners

During the event the audience built spaghetti bridges. The winning bridge was the one that held the most weight, which was over 30 kilos.
The audience particularly enjoyed the event, developing ideas on how to be promote problem-based learning in higher education.

PILOTING USE IN COURSES

During the winter semester of 2019-2020, a lot of active learning activities deploying ALIEN methodologies and tools have been used by the students of the Department of Electrical and Computer Engineering of University of Thessaly. Students have used the ALIEN platform to publish new problems and discuss about problem-based learning and active learning through the ALIEN forums.

Education Technologies, University of Thessaly, Greece

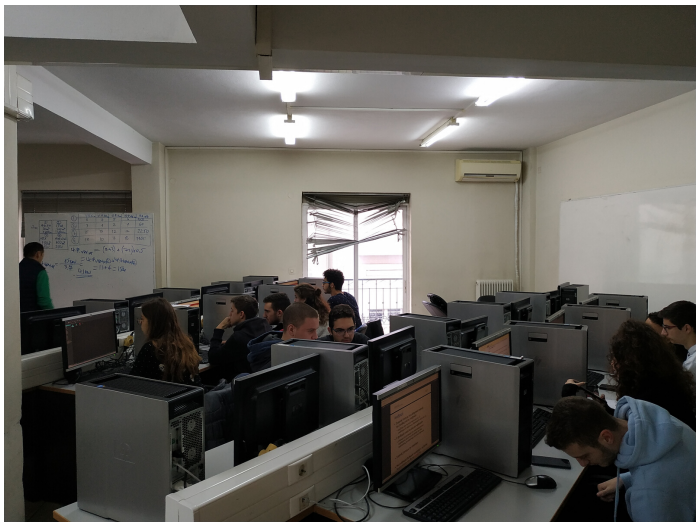
The course enrolled 140 students in the 3rd, 4th, and 5th year of undergraduate studies. The course is an elective in the formal curriculum.

Circuit analysis, University of Thessaly, Greece

The course is obligatory in the 1st year of undergraduate studies . Approximately 180 students are enrolled in the course.

Database Management Systems, University of Thessaly, Greece

The course is obligatory in the 3rd year of undergraduate studies. Approximately 180 students are enrolled in the course.



Programming I, University of Thessaly, Greece

The course is obligatory in the 1st year of undergraduate studies. Approximately 180 students are engaged in the course.

INSTRUCTOR TRAINING EVENTS

So far, there have been conducted instructor training events by the University of Thessaly, the University of Malaya, the Universiti Tenaga Nasional, the Technical University of Gabrovo and the Institute of Technology of Cambodia.

Second instructor training session organized by Universiti Tenaga Nasional (Malaysia) on 28 and 29 November 2019, attended by 18 lecturers

First instructor training session organized by Technical University of Gabrovo (Bulgaria) on 24 February 2019, attended by 12 teachers

First instructor training session organized by Isra University (Pakistan) on 24th August 2018, attended by 20 participants

Second instructor training session organized by Institute of Technology of Cambodia (Cambodia) on 22 and 23 December 2018, attended by 11 participants

During the instructor training events, the attendants were presented the problem-based learning methodology as well as the objectives and activities of the project on promoting the adoption of problem-based learning as a strategic educational approach in higher education.
There was an introduction to student-centred teaching and learning, bookends instructional design and informal cooperative learning structures, and designing and planning an aligned course using AL.
The training gave the participants a new perspective and knowledge regarding active learning.