



Faculty of Civil Engineering
Czestochowa University of Technology



CERTIFICATE

awarded to

VIKTOR MILEIKOVSKYI

Candidate of Technical Sciences (Philosophy Doctor),
Associate Professor of the Department of Heat Gas Supply and Ventilation,
Kyiv National University of Construction and Architecture, Kyiv, Ukraine

passed a scientific and pedagogic internship

from 27 November – 08 December 2019

in modern methods and technologies
in higher education and energy-efficient approaches in construction
by speciality 192 "Construction and Civil Engineering"

*« Modern Teaching Methods and Innovative Technologies
in Higher Education - Energy Efficiency in Construction »*

TRAINING PROGRAM (108 hours or 3.6 credits ECTS):

54 contact hours, workshops

54 individual work hours

As part of the internship, there was a participation in the "XVI International Scientific-Technical Conference "Materials and Energy Saving Technologies. Constructions of Optimized Energy Potential" with the presentation of the report "Effective Air Exchange Organization in Rooms without Possibility of Displacement Ventilation".

The report has been accepted for publication in the international journal "Construction of Optimized Energy Potential", ISSN 2299-8535 and e-ISSN 2544-963X

Head of the Faculty Development
Faculty of Civil Engineering,
Częstochowa University of Technology,
Częstochowa, Poland
PhD eng.



Kierownik ds. rozwoju
Wydział Budownictwa
Politechnika Częstochowska

Dr inż. Aleksandra Repelewicz

A. Repela

Aleksandra Repelewicz

Częstochowa, 09.12.2019

INTERNSHIP PROGRAM

Module 1. New and innovative teaching methods. Higher Education in European Union

27 – 28 November 2019

- Lectures (6 hours, 1 hour = 45 minutes)
- Interdisciplinary training (2 hours)
- Consultations (2 hours)
- Preparation and Independent work (12 hours)

Total: 22 hours

Module 2. Features of the Higher Education in Poland

29 – 30 November 2019

- Lectures (6 hours)
- Interdisciplinary training (2 hours)
- Consultations (2 hours)
- Preparation and Independent work (12 hours)

Total: 22 hours

1 December 2019 – free time

Module 3. The regulatory framework and energy-efficient technologies in construction in the European Union

02 – 03 December 2019

- Lectures (8 hours)
- Consultations (2 hours)
- Preparation and Independent work (12 hours)

Total: 22 hours

Module 4. Worldwide energy-efficient technologies and materials

04 – 07 December 2019

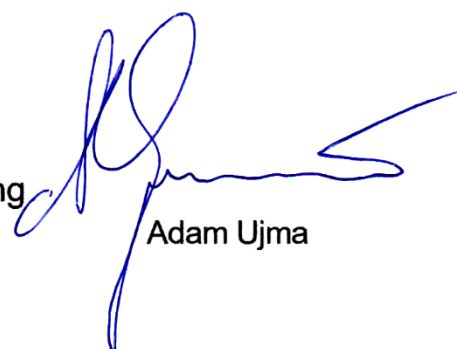
- Participation in “XVI International Scientific-Technical Conference “Materials and Energy Saving Technologies. Constructions of Optimized Energy Potential”. Presentation and discussion of the report “Effective Air Exchange Organization in Rooms without Possibility of Displacement Ventilation” (18 hours)
- Overview of the laboratory base of the Faculty of Civil Engineering of Czestochowa University of Technology (6 hours)
- Preparation and Independent work (18 hours)

Total: 42 hours

08 December 2019 – free time

TOTAL: 108 hours (3,6 credits ECTS)

Chef of Building Physics Laboratory
As. Prof. of Department of Building Processes Engineering
PhD Eng.



Adam Ujma

Czestochowa, 09.12.2019