

## NATIONAL NETWORK OF TRAINING FOR TEACHERS FROM PROFESSIONAL AND TECHNICAL PRE-UNIVERSITY EDUCATION – CONCORD

### Goal of the project

The main objective of the project is development of skills of teachers from professional and technical pre-university education within a complex system of “blended learning”, which includes:

- Class study, assisted by trainers;
- Individual study;
- On-line study, in an interactive learning environment.

### Short description of the project

this project supports the improvement process of the national system of education and training, human resource generator performance, competitive, creative, involved in the development of the knowledge society, from the perspective of lifelong learning.

Benefits of teachers from professional and technical pre-university education are:

- An effective learning environment possible for students to select the best activities to suit their own pace and most effective learning style, ability to investigate, explore and solve problems they encounter in learning.



- The possibility of students to “be together and apart” by the existence of the virtual community of learners who can interact anytime and anywhere, via computer-mediated educational tools.
- Opportunity to expand business dimension in school education and involvement in production or research projects. They will form a solid basis for developing creative and original modern teaching methods, E-learning Distance has to give content and personal career value in a knowledge-based society.
- Increasing competitiveness of teachers, beneficiaries of training programs proposed by the project, ensured by monitoring achievement of predefined quality standards.

The project proposes at developing human capital and lifelong learning by linking the labour market for at least 600 teachers.

### Project implemented by

Politehnica University of Timisoara, in partnership with University Politehnica of Bucharest (project coordinator), Tehnical University “Gheorghe Asachi” of Iasi, Tehnical University of Cluj-Napoca, National Centre for the Development of Professional and Technical Education and MultiMedia Sunshine Ltd. from England.



### Main activities

- Realization of a study to establish the content of teacher training university in accordance with the identified needs of the labor market and society based on knowledge, but also their interest & pre-technical education institutions;
- Promote the importance of continuous training provided by this project for teacher education;
- Developing curricula for teacher training;
- Development of 11 training programs for teachers from professional and technical pre-university education;
- Accreditation of four centers of continuous training;
- Providing of the 11 training programs.

### Financed through/by

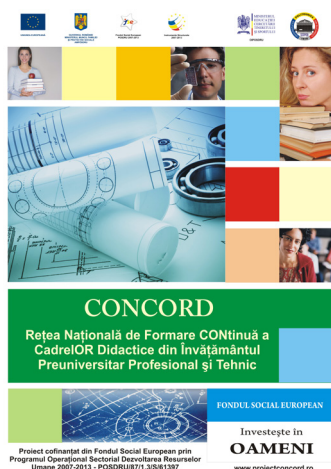
European Social Fund through the Human Resources Development Operational Programme 2007 – 2013

### Implementation period

01.11.2010 – 30.10.2013

## Results

- Increasing the attractiveness and quality of educational programs and professional training offered by teachers from professional and technical pre-university education.
- Skills gained will enable teachers conduct modern, professional and effective thus ensuring increased quality of teaching, learning and assessment.



## Fields of interest

CONCORD project's overall objective consists of developing professional skills and technical up dated vocational and technical education, within a complex system of "blended learning", which includes: study on line and face to face, assisted by trainers; individual home works completed by on-line learning in an interactive environment (e-learning MOODLE platform). The EU needs creativity and competitiveness and this is based especially on innovative science education. Thus the teachers were formed more versus applicability of knowledge, in technology, engineering, mathematic, physics, environmental issues, chemistry, etc. and they also must be trained for being able to raise the attractiveness of science education and scientific carriers and boost the interest of young people to support technically the development of a democratic, knowledge-based society. The project developed 11 professional training programs, including two types of programs in accordance to the Minister Order No. 4611/2005, with a maximum of 340 hours and 105 credit points (certified by national attested body):

- Environmental training program (Management and Communication and Information and Communication Techniques), and
- Thematic programs of type long way, on 4 domains and 11 sub domains, consisting of:
  - 2 subjects from basic training
  - 2 subjects of specialized training

## Research team

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## Applicability and transferability of the results:

The support of a good education starts from kindergarten, but the skills of teachers, especially these from undergraduate schools must be developed and supported, especially of those that are involved in technical domains, knowing the fact that they must generate the interest of pupils versus engineering carriers.



## Research centre

Research Centre for Thermal Machines and Equipments, Transportation and Environmental Pollution Control

## Contact information

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