

Project-oriented learning in collaboration with companies

29th of April, 16:00 – 17:30, ESTiG, room 114

Abstract

Over the past years, project-oriented learning has become a major part of our educational program. We have experienced a growing need to change pedagogical learning methods from the traditional gas station attendant role to a more innovative and entrepreneurial approach to solving problems in teams through innovative thinking in collaboration with companies.

We can probably find many reasons for this trend, e.g. the technological development, more complex problems, demanding new knowledge and multidisciplinary cooperation. The need for entrepreneurs and also student behavior pattern may affect this trend.

Recognizing that there is no best practice, I shall try to describe how we work and develop in the above-mentioned field using an emergent strategy. How we work with project-oriented learning in collaboration with companies as well as the very latest teaching program that we implement in 2015.

The focus will be concentrated on dialogue and on the educational program “Production Engineering” with specialization in manufacturing and process optimization 3th and 4th semester. This program includes many elements from your “Operation Management” and “Industrial Organization” programs.

Arne Svinth, EAL

IPB and the Lillebaelt Academy of Professional Higher Education (EAL)

The cooperation between IPB and the Lillebaelt Academy of Professional Higher Education (EAL; www.eal.dk), Denmark, has started after the visit of Professor Kåre Heide-Ottosen, former Director of International Affairs, in May 2013. After that visit, we had the opportunity to visit EAL and to know more about their project-oriented learning methodologies and their close relation with regional companies. During this short but effective cooperation, IPB organized an Intensive Programme for the EAL students (“International Financial Markets and Culture - The Portuguese Context”, November 2013) and carried out teachers mobility in different areas of interest. Our institutions are presently cooperating through a new Strategic Partnership in “Innovative Methods for Developing Transversal Skills”, led by Professor Malin Gandrup, EAL Project Manager.

As a result of all these contacts and projects, IPB has the pleasure to receive Professor Arne Svinth, Lector at EAL, for a three months visit. Besides his expertise in Production Technology, Professor Arne is cooperating with IPB in the area of innovative teaching methodologies so we can learn more about the Danish higher education system and their methodologies to join higher education and companies in training and applied research. This seminar is, then, an opportunity for the IPB teaching community to get acknowledge about the Danish system and their innovative methodologies.

Luís Pais, IPB

Short Biographic note



Arne Svinth

Mobile 0045 22 23 78 67

E-mail: abs@eal.dk

Higher education:

- MBA, Master of Business Administration
University of South Denmark 2010
- HD, The graduate Diploma in Marketing
University of South Denmark 1986
- BSc Production Engineering, Odense Polytechnic
Denmark 1982

Current employment:

- Associate Professor and Programme Coordinator at
Lillebaelt Academy of Professional Higher Education.
(www.eal.dk)

Professional industrial experience:

Thermo Fischer Instruments:

- Consultant:
Implementation of Navision ERP system, and development
of KanBan procurement system.

Dampa A/S:

- Technical supervisor and Area Sales Manager:
Area: Shipbuilding industry in Far East and Southern
Europe.

Rambøll & Hannemann A/S:

- Consultant:
Robot and welding technology at Marsk Steel Shipyard

Brande Beholder og Kedelfabrik A/S:

- Technical supervisor and sales engineer
Area: Boiler industry