The innovation element of the diploma (b.eng.) programs at DTU - DTU Orbit (02/10/2019)

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In September 2014 the first version of the newly developed CDIO-based diploma (B.Eng) programs were launched at DTU (Nyborg et al., 2015). The programs are the result of a comprehensive merger process of former diploma programs, namely the programs at Engineering College of Copenhagen (now DTU Diploma) and the Technical University of Denmark.

The most significant new activity in the programs is the introduction of a common 10 ECTS compulsory course in innovation in the later part of the programs. The idea behind this course is to give students the opportunity to collaborate on interdisciplinary real-life projects.

This course strengthens not only innovation skills but personal and interpersonal skills as well. In this paper we will discuss the organization of the Innovation Pilot course. In particular we focus on:

- Structure of programmes
- Organization of the Innovation Pilot course
- The didactical considerations
- Scaling up the course from 50 to 500 students

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