

Undervisningsportfolio

1. Undervisnings-CV: Oversigt over undervisnings- og vejledningsopgaver med angivelse af fagområder, omfang, niveau (BA, kandidat, EVU, Ph.d) samt evt. censoropgaver.

Courses(2010-NOW): Fluid Mechanics (M.Sc.), CFD and Multiphase flow (M.Sc.), Thermodynamics, Heat Transfer and Fluid Flow (B.Sc.), Mechanics and Thermodynamics (B.Sc.), Turbulence Theory and Modelling (PhD), Biomass Gasification & Combustion (PhD)

Supervision: (2006-NOW): Supervisor for 150+ projects thermal energi technology, hereof 22 MSc thesis and 1 Phd thesis

2. Studieadministration: Oversigt over studieadministrative opgaver, eksempelvis medlem af studienævn, studieleder, semesterkoordinator, fagkoordinator, akkreditering m.v.

Chair of the BEEM studyboard in Esbjerg 2022-NOW

Member of N-studyboard 2010 – 2022

Study Coordinator PECT: 2013-NOW

Internship Coordinator, Campus Esbjerg 2015-NOW

Coordinator of CES conference (Esb): 2019-NOW

Semester Coordinator, PECT10, 2013-NOW

Semester Coordinator, EN2, Spring 2011-NOW

Semester Coordinator, EN1, fall 2011-2015

Semester Coordinator, EN3, fall 2011-2019

Semester Coordinator, EN5, fall 2012

Semester Coordinator, EN6, Spring 2013-NOW

Semester Coordinator, PECT7, fall 2016-NOW

3. Universitetspædagogiske kvalifikationsforløb: Oversigt over gennemførte universitetspædagogiske kursusforløb, PBL-kurser, workshops, udviklingsprojekter, kollegial supervision o.l.

Grundkursus for universitetsundervisere 2009

University Pedagogy for Assistant Professors 2010-2012

Workshop for PhD supervisors 2017

Workshop for Ass. Prof. Pedagogy Supervisors 2018

4. Anden form for kvalificering: Konferencedeltagelse, debatindlæg, oplæg m.v. i relation til uddannelse, "Undervisningens dag", o.l.

Konference deltagelse med presentation (2006--NOW)

Mentor for new PhD students at IET under the PAU network 2006-2009

Member of Bioenerginetværk (local industrial interests) 2010-2015

Foredragsholder ved Dansk Naturvidenskab festival 2011-NOW

Foredragsholder ved Videnskabens dag 2012-NOW

Foredragsholder ved karrierevalg 2013 -NOW

Board member at DANSIS Spring 2012 – 2017

Arrangør af gymnasiebesøg, SRP m.m. 2011-NOW

5. Undervisningsudviklingsforløb og undervisningsmateriale: Oversigt over medvirken til udvikling af nye moduler, undervisningsmateriale, uddannelser, e-learning, samarbejde med eksterne samarbejdspartnere o.l.

Lokalt kontaktpunkt til e-læring ved ET Campus Esbjerg

6. Nominering til og/eller modtagelse af undervisningspriser.

Teacher of the year at Studyboard of Energy 2016

Teacher of the year at Studyboard of Civil Engineering 2016

Numerous nominations since 2010

7. Evt. personlige refleksioner og initiativer: Personlige overvejelser knyttet til undervisning og vejledning, ønsker til og planer for pædagogisk videreudvikling, planer for opfølgning på undervisningsevalueringer m.v.

To become a good teacher you constantly have to listen to the feedback from the students and adjust the teaching material and teaching methods accordingly.

By spring 2020 i have implemented flipped learning in my teaching where i record a mix of screencast and recordings in front of a whiteboard, with very positive feedback from students.

Autumn 2019 I took the initiative to make a student conference i Esbjerg as response to frequent critique from Esbjerg Student having to go to Aalborg. The Esbjerg student conference was addapted to local conditions and joint with students from other study direction. The student conference was met with a positive reception by all.

8. Andet.

As a local anchorperson been responsible for the development of the study curriculum for the thermal energy study directions (TP and PECT). Similarly I have been involved in development of much of the marketing material for these educations. As the chair for the BEEM studyboard I am directly responsible for the development and quality of the Build, Energy, Electronics and Mechanics educations in Esbjerg.