

## Teaching portfolio

### **1. Teaching CV: A list of any lecturing and supervision tasks, including specification of academic fields, scope, level (bachelor, master, continuing education, PhD) as well as any external examiner tasks.**

Teaching:

PhD. courses:

1. Dispersed Generation of Electricity (2011-)
2. Electric vehicles and Range Extenders (2011)
3. Smart Distribution Systems (2012-)
4. Stability of Modern Power Systems with High Penetration of Renewable Energy (2014-)
5. Building the Bridge between Electric Grid, Control and Communication in Smart Grids (2016-)

Master level:

1. Advanced Course in Electric Power System – 8th semester course (2nd semester Master students, 2011 - )
2. Power system stability – 9th semester course (3rd semester Master students, 2010)
3. Future Power Systems in Denmark - 9th semester Elective course (2018- )

Bachelor level:

1. Electrical power systems - 6th semester course (2017 - )
2. Fundamental Circuit Theory – 5th semester course, 2011

Other courses:

Lectures for summer school courses in smart grids & future energy systems (2010-)

Supervision tasks:

PhD Co-supervision/Supervision - 10 PhD students, 4 guest PhD students

Supervised 22 Final Master Thesis Groups (EPSH/WPS)

Supervised 35+ other semester (Intro, 8th & 9th - EPSH/WPS/PED, 6th) Master and Bachelor students groups

Project supervision of several groups during summer school courses : Future Energy Systems/Smart-grid and Electrical Power Engineering (2010-)

External examiner: PhD and final Master thesis assessments (Universities abroad).

### **2. Study administration: A list of any study administration tasks, e.g. study board membership, head of studies or semester or course coordinator, accreditation, etc.**

None

### **3. University pedagogy qualifications: A list of any completed courses in university pedagogy, PBL courses, workshops, academic development projects, collegial guidance and supervision, etc.**

Completed University Adjunktpædagogikum Diploma in Feb. 2013.

'Problem based Learning in Engineering and Science' in October 2008.

'Introduction to PBL – The AAU Way' in April 2008.

### **4. Other qualifications: Conference attendance, editorials, presentations, etc. relating to education, 'University Teaching Day', etc.**

None

### **5. Teaching activity development and teaching materials: A list of any contributions to the development of new modules, teaching materials, study programmes, e-learning, collaboration with external business partners, etc.**

Develops teaching plan and materials that include new topics/modules, slides, exercises etc. for the courses listed under point 1. Participation in discussions on Energy Study Curriculum revision meetings.

### **6. Teaching awards you may have received or been nominated for.**

Nominated multiple times for best lecturer at Department of Energy Technology, Candidate for the Teacher of the Year 2017 at Study Board of Energy.

**7. Personal reflections and initiatives: Here you may state any personal deliberations as regards teaching and supervision, any wishes and plans for further pedagogic development, plans for following up on feedback/evaluations from students, etc.**

A teacher and an academic supervisor is a person who guides the students through an intellectual journey, in their course of study. A good teacher/supervisor facilitates a challenging, supportive and active learning environment to his/her students. I consider teaching and supervision as an excellent opportunity to broaden my technical skills and knowledge for continuing professional development. It is a means to try new ideas and approaches for continual learning which requires a lot of hard work and dedication. The teaching and supervision goals I have set-up is to assist the students to appreciate the power of knowledge and education beyond the lecture rooms and enable them to apply theory into practice.

**8. Any other information or comments.**

Type your answer here...