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.

Project Supervision:
Have supervised more than 145 student projects:
♦ *Graduate level:* Have supervised >50 Masters projects and >60 graduate projects (all completed).
♦ *Undergraduate level:* Have supervised >15 undergraduate and >15 bachelor projects.

♦ *Ph.D. graduates:* Have supervised five PhDs (completed) and three on-going.

Teaching Experience (most courses taught several times, multiple >10 years):
♦ *Optimisation Theory*: Second semester graduate course for energy and mechanical engineering students.

♦ *Control Theory:* First semester graduate course for international energy students

♦ *Grundlæggende regulering:* Fourth semester undergraduate course for energy engineering students.

♦ *Reguleringsteknik*: Fifth semester undergraduate course for mechanical engineering students.

♦ *Mechatronics I*: Fifth semester undergraduate course for MCE (Mechatronics) students

♦ *Mechatronics III*: Sixth semester undergraduate course for MCE (Mechatronics) students

♦ *Hydraulik*: Fifth semester undergraduate course for energy/MCE students

♦ *Hydraulisk System Design*: Sixth semester undergraduate course for DMS and EMSD students

♦ *Analogue Electronics*: Sixth semester undergraduate course for EMSD

♦ *Elektroteknik og Aktueringssystemer*: Third semester undergraduate course for mechanical engineering students

♦ *Programming and program development*: First semester graduate course for EMSD and Intro (Energy) students

♦ *Measuring techniques and data acquisition I*: Fourth semester undergraduate course for mechanical engineering students

♦ *Measuring techniques and data acquisition II*: Sixth semester undergraduate course for EMSD, FACE, DMS and VT students

♦ *Sensor and Actuators*: Fifth semester undergraduate course for electrical engineering students

♦ *Thermal Energy System Control*: Third semester graduate course for SEE-T students

♦ *Hydraulic System Design*: PhD course

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.

♦ Member of the Energy Study Board.
♦ Coordinator for the Mechatronic Control Engineering (MCE) program.
♦ Semester coordinator on the third and fourth semester (Master level) of the MCE specialization.

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 the "University Teacher Education Programme, Aalborg University, October 2006 – January 2008" (Adjunktpædagogikum)

♦ Supervision (research area specific supervisor) of two Assistant Professors participating in the "University Teacher Education Programme" and currently supervising one.

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

Author of two articles on mechatronic education at Aalborg University and the experiences with the mechatronic specializations: EMSD and MCE

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.

One of the initiators for the Mechatronic Control Engineering (MCE) program and organisers of the study curriculum. Part of the revision board for the Energy program with particular focus on the MCE-program.

Development of teaching material for all the above mentioned courses. Teaching material include:
- ♦ Slides
- ♦ Extensive solutions to problems
- ♦ Notes

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

2010 Teacher of the year at Aalborg University
2013 Teacher of the year for the N-study board
2006-2021 consecutively nominated for Teacher of the year at either the N-study board or the M-study board.

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.

8. Any other information or comments.