

Teaching portfolio

1. Teaching CV: A list of teaching and supervision tasks, including specification of academic fields, scope, level (bachelor, master, continuing education, PhD). Please state the teaching method used (e.g. lecture, class teaching, exercises, supervision, examination, coexamination, distance teaching, internet-based teaching and evaluation of teaching). Please also indicate the language of instruction.

PhD Courses:

How to Write Papers for High Level Journals (2015-2023)

Reliability in Power Electronics (2013-2018)

Control of Renewable Energy Systems (2000-2004)

Been initiator/organizer of more than 10 other courses with internal/external lecturers

MSc Courses

Advanced Power Electronics (2000-2005)

Control of Motor Drives (1995-1998)

BSc Courses

Power Electronics (2018-2021)

Microcontrollers (1990-1996)

Simulation by PSPICE (1994-1997)

Supervised PhD projects:

I am/have supervised more than 80 PhD students where today 65 have graduated

Co Supervised PhD projects :

I am/have co-supervised more than 20 PhD students (internal/external) where today 15 have graduated

Supervised Masters projects :

I have been supervisor for more than 20 groups on the Bachelor programme

Supervised Bachelor projects :

I have been supervising more than 15 groups at the Bachelor Level

ype your answer here...

2. Study/programme administration and management: Experience in programme management and coordination. A list of study administration tasks, e.g. study board membership, chair of study board, semester or course coordinator, accreditation tasks, etc. Experience in planning teaching activities. Experience in programme development. Participating in committees and commissions etc. on education issues.

Head of the International Doctoral School at Aalborg University 2005

Been Dean of Faculty of Engineering, Science and Medicine where I had the overall responsibility for + 6000 students in 2006-2010 incl. study development and management

Head of the International Doctoral School (Engineering) at Aalborg University 2016-2018

ype your answer here...

3. Formal pedagogical training: A list of completed courses in university pedagogy, PBL courses, workshops, academic development projects, collegial guidance and supervision, etc. Written assessment from the course in university pedagogy for assistant professors. Participation in conferences on pedagogy and didactics. Please enclose any documentation of the above, such as course certificates, references, etc

PBL Course in 1994 This course involved training own teaching skills by lectures and group supervision

Type your answer here...

4. Other qualifications: Conference contributions and attendance, contributions to debates, scientific articles on pedagogical issues etc. Peer supervision, editorials, mentoring experience or other types of competence development activities.

I have been active at conferences/events disseminating my knowledge
-Done + 400 international presentations (+ 80 have been keynotes)
-Attended + 100 conferences with contributions (poster, presentations)
-Held +50 tutorials and industrial courses at conferences and at ECPE

Type your answer here...

5. Pedagogical development and research: Development of new courses, teaching materials, teaching methods, examination types or other types of pedagogical development. Didactic and pedagogical research. Cooperation with external collaboration partners.

The above listed courses were originally developed by me

Type your answer here...

6. References on your teaching skills from superiors or colleagues. Teaching evaluations and any teaching awards received.

Type your answer here...

7. Personal reflections and initiatives: Here you may state any personal deliberations as regards teaching and supervision, any wishes and plans for further pedagogical development, plans for following up on student feedback/evaluations, etc. Personal reflections on your own pedagogical practice, including objectives, methods and implementation. This should include an analysis and a reasoned description of your pedagogical activities in relation to your pedagogical understanding and student learning. Thoughts on the teaching method at Aalborg University (which is largely based on group-organised project work and problem-based learning)

I always try to motivate students to be self-thinking, creative and reflective in their work – both in supervision and class teaching. I take a positive approach to it and is always positive to work be done as well as giving them the necessary input and critics to move forward. I believe in that class teaching need exercises/hands on in order fully to understand the topics being studied. And work with the exercises continuously to improve the learning process. For EE students it is also important that they get practical skills in lab – which I work with by ensuring enough resources as well as guiding them in their work.

Type your answer here...

8. Any other information or comments.

Type your answer here...