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My teaching philosophy is formed based my teaching experience in the university and my professional experience in the industry. My philosophy is to nurture an interactive and enthusiastic learning environment, in which the students learn not only from the teacher but also from each other. In my classes, I engage the students in the subject by provoking questions, asking them to cooperate in solving problems and bringing up interesting, practical applications related to the subject. I always try to foster self-confidence in students by finding their strength points and allowing them to express themselves. In my classes, every student has its own place, and all students feel friendly with me. Through experience, I have learned that a good teacher profoundly affects the students' progress not only in the subject of study but also in life. That's the reason I will work hard to integrate my teaching beliefs and my passion in learning into my daily teaching routine and long-term teaching plan.

The new generation are very keen on practical applications and the way the theories they learn can help them during their future career. Thanks to having five years of working experience in the industry and my current industrial collaboration, I am able to address relevant practical applications during my classes. In addition, I dedicate around 30-50% of the time in the classes to computer simulations. The students learn about engineering software, such as MATLAB Simulink, Ansys Maxwell and Multisim by solving practical problems. During this time, the students engage in discussions with each other and ask questions from me. This way, they gain a deeper understanding of the course material and how the systems work and at the same time learn how to work with engineering software. I have received positive feedback from my past students who found the practical material and engineering software useful in their career.

## Undervisning og vejledning

### Bachelor project supervision

Golsorkhi, M. S.  
01/01/2018 → ...

### Digital elektronik og programmering

Golsorkhi, M. S.  
01/02/2022 → 30/06/2022

### Electric machines and wind turbines

Golsorkhi, M. S.  
01/02/2020 → 30/06/2022

### Grid Integration of Renewable Energy Systems

Golsorkhi, M. S.  
01/09/2023 → 01/12/2023

### Master Thesis Supervision

Golsorkhi, M. S.  
01/01/2017 → ...

### Power Electronic Systems

Golsorkhi, M. S.  
01/02/2022 → 01/05/2023

## **Power System Modelling and Analysis**

Golsorkhi, M. S.

01/09/2023 → 30/11/2023

I have taken the university lecturer training program (LTP) course at SDU.