

Teaching Portfolio

Kannan Govindan

Institut for Teknologi og Innovation

SDU Centre for Sustainable Supply Chain Engineering

Dansk Center for Motivation og Adfærdsændring

E-mail: kgov@iti.sdu.dk

Telefon: +4565503188



Pedagogical view

My teaching philosophy is composed of the following statements, each of which directly affects students learning. Each statement demonstrates the opinion and purpose of my teaching.

- Students learn best when they are actively involved in and committed to what they are learning. I have used several course tools, games, and collaborative works to actively engage the students in the class.
- The development of critical thinking skill improves students' ability to analyze and synthesize the course contents. I create a positive learning environment and promote a habit of analyzing every situation critically.
- Good teaching does not begin and end inside the classroom. So I designed my office hours to serve as a mentor to students outside the classroom.
- I change my way of teaching depending on whether the students are undergraduate, graduate, or doctoral students. I used to spend a lot of time during the class to explain the concepts and theory for undergraduate students. Graduate and doctoral students, on the other hand, need a measure of freedom to figure out problems on their own.

Teaching experience

I have a significant teaching experience that covers a range of topics within the Management Science, Operations and Supply chain Management and Industrial Engineering at different levels at a variety of study programs. I teach Operations and Supply chain management related subjects at different levels (BA, HD, Graduate and PhD level). Most of my courses encompass modeling and quantitative issues. In particular, I have acted as the course in charge (including responsibility of examination) and acquired extensive teaching experience in the following subjects. Optimization techniques; Mathematical modeling in supply chain management; Performance Modeling and Analysis of Manufacturing Systems; Advanced Optimization Techniques; Quantitative techniques for management; Advanced Operations management; Manufacturing management; Supply chain management; Supply chain links and ERP; Supply chain Inventory and Production planning; ERP-systemer (Enterprise Resource Planning); Green Supply Chain Management; Sustainability; Supply chain design; Supply chain decisions; Statistical Quality control; Industrial Engineering; Operations research; Production planning & control; Operations Management – I; Operations Management –II; Resources & Supply chain management; Optimization & Logistics; Operations and Supply chain management (HD); Supply chain Analytics (HD) Supervision: I have supervised Bachelor students, Master-students, PhD-students, and young scholars.

Formal pedagogical training

2015: Teaching in English at SDU

Other activities related to teaching and teaching development

- Supervision of assistant professors.
- Education Committee member of OM Master program
- Censoring in the master program of operations management