

Course No.	Course Title	Credites	Pre-requisite	Learning Type
0706480	Modelling and simulation	3	0706479	Face-to-face
<p>Modelling definition, principles, and model types. Moreover, the course provides the students with simulation definition, principles, and techniques. The course focus on the modelling and simulation of PV systems. The components of the PV systems models are introduced: starting from the energy source, which is the sun, going through the PV system subsystems such as PV cells and panels, DC-DC converters, and DC-AC inverters.</p>				