

Available in Lahti

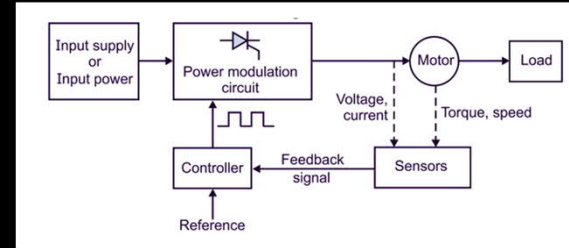
Electric Transportation Systems



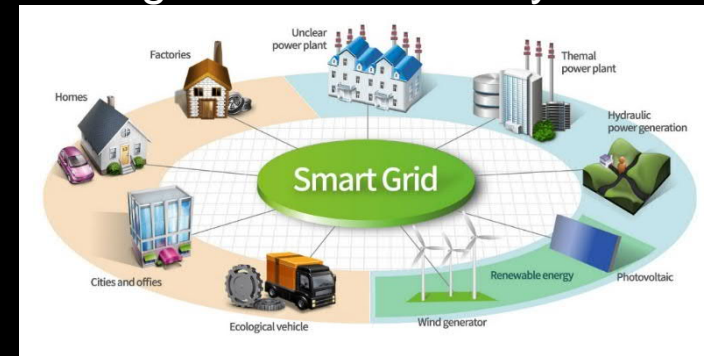
Power electronics



Electrical drives

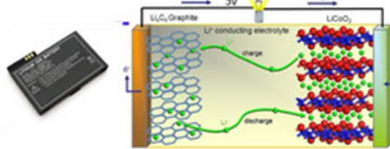


Smart grids and electricity market

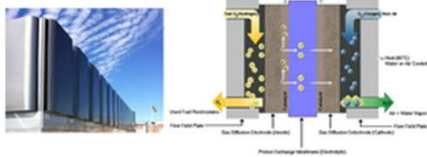


Energy storages

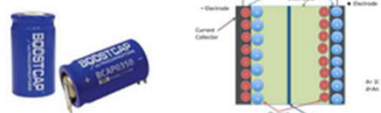
Lithium Ion Batteries



Fuel Cells

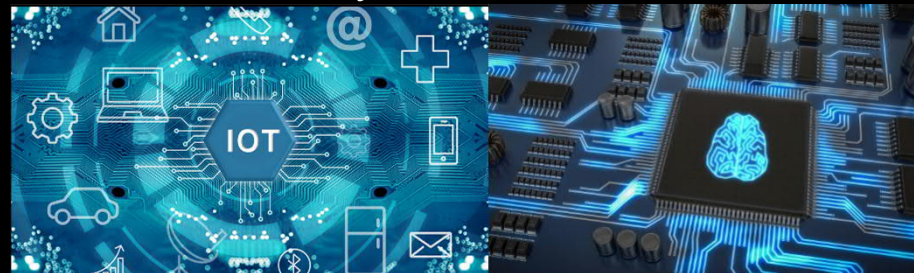


Super Capacitors



Electric transportation systems

Embedded systems and IoT



ETS-programme content description

- Master of Science in Technology (M.Sc. Tech.) degree 120 ECTS credits
- LUT University's Lahti campus
- The following minors (min. 20 ECTS) are available:
 - Mechanical Engineering for Electrified Transportation Systems
 - Circular Economy
 - Industrial Engineering and Management.

- The future of transportation systems is electric. Electrical vehicles, busses, trucks, trains, marine vessels and finally aircrafts will be powered by electricity.
 - Flexible charging systems
 - Future electrical drive trains
 - Vehicle to grid technology
 - Subsystem communication
- A graduate from the M.Sc. programme is able to work in product development (software/hardware), research and marketing as well as in management of these.
- Outstanding employment opportunities!



LUT
University