


SCHOOL OF ENGINEERING

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PhD Degree Programmes



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PhD Degree Programmes



AUTOMATION, ELECTRONICS AND TELECOMMUNICATION ENGINEERING

with the following research lines:

- › Process simulation and control systems
- › Visual perception systems and artificial vision
- › Robotics
- › Electronics, signal processing and communications
- › Power electronics
- › Telecommunication systems
- › Network architecture and technology
- › Cibersecurity



CHEMICAL, ENVIRONMENTAL AND ENERGY ENGINEERING

with the following research lines:

- › Energy conversion systems and power production
- › Energy efficiency and integration of renewable energy in building and industry
- › Chemical and environmental engineering
- › Bioenergy



MECHANICAL ENGINEERING AND INDUSTRIAL MANAGEMENT

with the following research lines:

- › Mechanical engineering
- › Transportation infrastructure
- › Structural integrity of compound materials and their union with other materials
- › Numerical methods in solids and structures
- › Industrial management
- › Manufacturing engineering



ELECTRICAL ENERGY SYSTEMS

with the following research lines:

- › Electric power systems planning and control
- › Management and quality of electric energy
- › Transient regime and stability in electric energy systems
- › Advanced measurement systems and protection of electric systems
- › Integration of renewable energy
- › Electric energy markets
- › Electric drives and machines



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