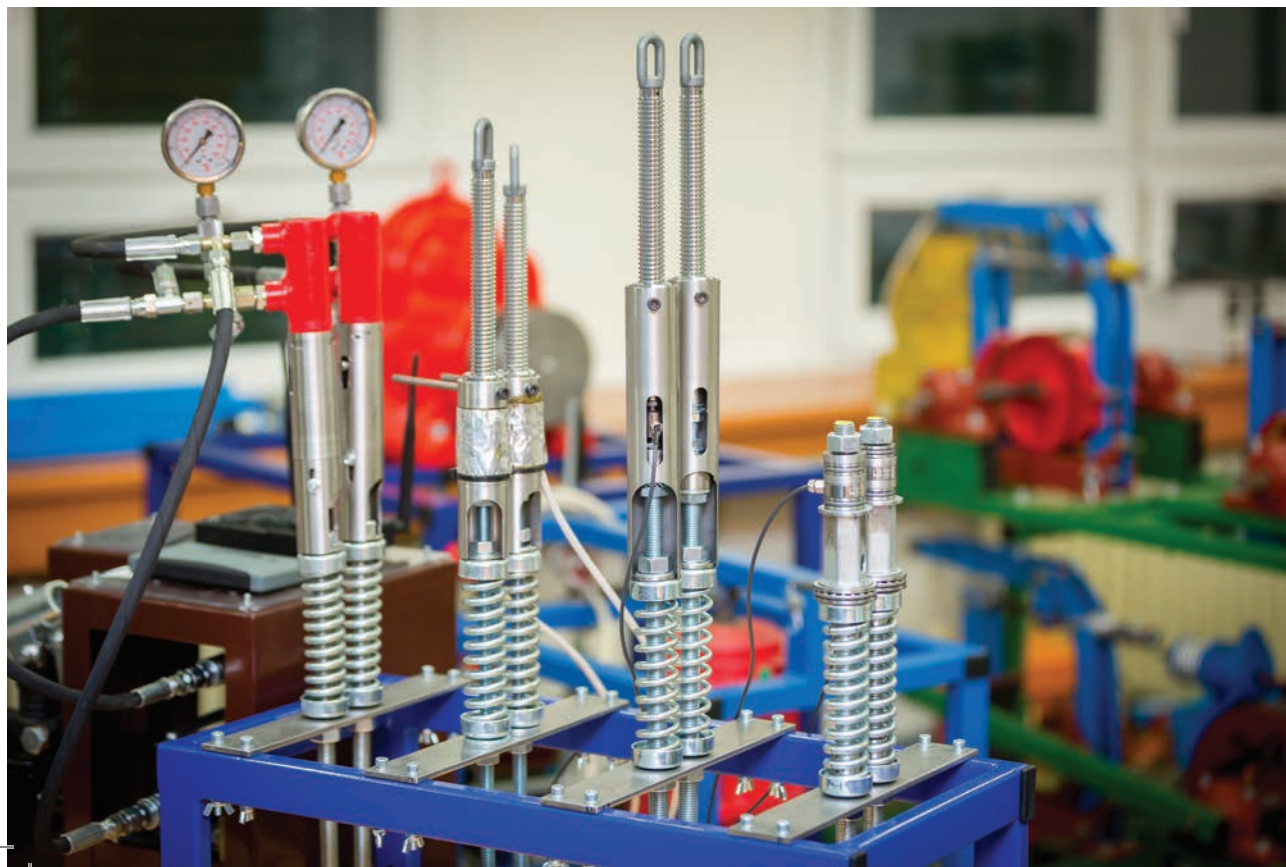


## ENGINEERING AND TECHNOLOGY

- ▶ Electrical
- ▶ Mechanical
- ▶ Materials
- ▶ Civil
- ▶ Safety and security
- ▶ Biomedical and biomechanical
- ▶ Environmental and brownfields management
- ▶ Chemical
- ▶ Geological
- ▶ Geodesy and geoinformatics
- ▶ Automotive
- ▶ Acoustical
- ▶ Transport technology and technics
- ▶ Nanotechnology
- ▶ Additive technology



## COMPUTER SCIENCE AND CYBER PHYSICAL SYSTEMS

- ▶ Artificial intelligence
- ▶ Machine learning
- ▶ Computer vision and image processing
- ▶ Software and process engineering
- ▶ High – performance computing
- ▶ High – performance data analysis
- ▶ Computational and applied mathematics
- ▶ Industry 4.0



## ENERGY AND RAW MATERIALS

- ▶ Renewable energy
- ▶ Energy accumulation
- ▶ High-capacity storage systems
- ▶ Artificial intelligence in energy management
- ▶ Energy diagnostics
- ▶ Electromobility
- ▶ Energy raw materials and their processing



## ECONOMICAL AND FINANCIAL PROCESSES

- ▶ Economics
- ▶ Finance
- ▶ Management science
- ▶ Business administration
- ▶ Macroeconomic models
- ▶ Asset portfolio modelling and valuation
- ▶ Labor market and migration analysis
- ▶ Production effectiveness
- ▶ measurement of economic units

