

Polytechnic University of Timisoara
Faculty of Engineering Hunedoara

**Master study program: COMPUTER TECHNIQUES IN ELECTRICAL
ENGINEERING**

The mission of the master study program *Computer Techniques in Electrical Engineering* is a part of the overall mission of the Faculty of Engineering Hunedoara, being the development of specialists with higher technical training in electrical engineering and in complementary domains such as information technology in the manufacturing, development and research areas in the electrical field. This master study was developed for the growing demands of the specialists (for the research and industry), having a stock of knowledge and skills in the electrical engineering and information technology domain in order to cover the needs of the specialists in the west zone of the Romanian country.

This study program offers graduates the opportunity to deepen the knowledge in the *Electrical Engineering* domain, also allowing acquiring complementary skills in the Information Technology domain. The program allows the graduates to know and to be able to use the implementation techniques of the computer applications in the industrial processes, using methods and techniques of information processing. It also allows graduates an appropriate use of a specific language in communicating with different professional backgrounds and also makes it possible to use computer knowledge in order to analyze and solve new situations that arise in the manufacturing, development and research in the electrical field.