

THE FACULTY OF ENGINEERING OF HUNEDOARA

COMPETENCES OF UPT GRADUATE IN:

Fundamental domain: Engineering Sciences

Master's degree study programme:

„ COMPUTER TECHNIQUES IN ELECTRICAL ENGINEERING”

(Master's study field: Electrical engineering)

Nr. crt.	Competences
C1	Analysis, modeling and simulation of electrothermal processes
C2	Using and design electrical installation based on equipment with programmed logic
C3	Using techniques of identification and adaptive control systems in electrical engineering
C4	Using artificial intelligence and neural networks in electrical engineering
C5	Developing graphical user interfaces and using human - machine interfaces for monitoring and control processes in electrical engineering
C6	Using advanced techniques of digital signal processing
C7	Using of distributed and parallel computing and numerical methods in electrical engineering