



Master Programs

Electronics, Telecommunications and Information Technology

2021 - 2022



Advanced microelectronics

Faculty of Electronics, Telecommunications and Information Technology

The Advanced Microelectronics (AM) program offers a systematic and coherent frame for Mixed Signal Circuits Design and Application studies. The AM graduate will be able to work independently or guided by the project leader in the Microsystems Design and Application. The AM program provides the knowledge for Analog and Mixed Signal Circuits and Microsystems analysis, design and evaluation for both.

Contact person:

Prof. Dr. Ing. Claudiu DAN, Master Coordinator
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Advanced wireless communications

Faculty of Electronics, Telecommunications and Information Technology

The focus of this program is to provide the theoretical and applied knowledge for engineers in the field of wireless communications. They should have a vision at the system level and conduct designing procedures by highlighting different levels of a wireless system or a wireless communications network, from the physical layer to the application layer.applications.

Contact person:

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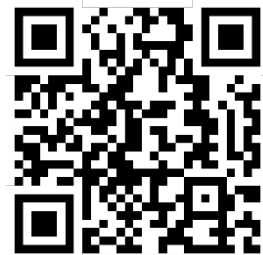
Advanced Computing in Embedded Systems

Faculty of Electronics, Telecommunications and Information Technology

In order to reflect the recent trends in the electronics industry, offer cutting-edge knowledge to students and support research programs, the Advanced Computing in Embedded Systems Master's Program is devoted to the following fields of study and research: Parallel Computing, Distributed Computing, Energy-Aware Computing, Embedded Computing, Embedded System Design

Contact person:

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Electric Vehicle Propulsion and Control

Faculty of Electronics, Telecommunications and Information Technology

This Master Program is aiming to

- increase the quality of education of engineers in the field of automotive engineering;
- stimulate the research in the field of automotive engineering at the University POLITEHNICA of Bucharest.
- develop even more the collaboration between the UPB and the industrial environment, in particular with the companies dealing with the development of automotive engineering - Renault, Continental.

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