



Trends in Technical Education and a Innovation University Development in Bulgaria

Prof. Miglena Temelkova, PhD

University of Telecommunications and Post, Bulgaria

Main goals

- A fast-developing specialized professional university education, where a tradition meets cutting-edge innovation in the field of telecommunications, information and communication technologies, cybersecurity, digital transformation, etc.;
- Innovative curricula that combine fundamental engineering knowledge with competencies and skills needed by the modern technology sector;
- Cooperative "hybrid" bachelor's and master's programs between universities with a similar profile, as well as those with a completely different profile;
- Scientific research activity in the fields of information and communication technologies and the digital transformation of business processes and management.

Collaboration

- Continuous updating of curricula with the needs of the corporate and public sectors, related to the possession of the necessary competencies and a combination of fundamental scientific knowledge and basic practical skills;
- Partnerships with various High Tech Corporations;
- Practicians participation in the tuition process and exercises;
- Mentorship programs and Internships.

Professional Bachelor programs

University of Telecommunications and Post provides Professional Bachelor's programs in:

- ✓ Cybersecurity in High Technologies;
- ✓ Wireless Communications;
- ✓ Computer Administering of Software Applications;
- ✓ Software Projects;
- ✓ Management and Information Technologies in Telecommunications and Post.

Bachelor programs

University of Telecommunications and Post provides Bachelor's programs in:

- ✓ Communication Technologies;
- ✓ Computer Technologies;
- ✓ Cybersecurity in Computer Technologies;
- ✓ Cybersecurity in Business;
- ✓ Digital Entrepreneurship and High Technologies;
- ✓ Digitalization and Public Administration;
- ✓ Management in Telecommunications and Post.

“Hybrid” Bachelor courses

University of Telecommunications and Post provides “Hybrid” Bachelor’s courses in:

- ✓ **Software Projects in Medicine** – in collaboration with Medical University – Pleven and Medical University – Plovdiv;
- ✓ **Telemedicine** – in collaboration with Medical University – Pleven and Medical University – Plovdiv;
- ✓ **Communication Systems in Air Traffic Control** – in collaboration with “Georgi Benkovski”, National Air Force Academy.

Master programs

University of Telecommunications and Post provides Master's programs in:

- ✓ Information Technologies;
- ✓ Communication Networks And Cyber Crime Investigation;
- ✓ Mobile Communications and Internet;
- ✓ Digital Leadership;
- ✓ Management of Services;
- ✓ Smart Leadership;
- ✓ Digital Social Technologies.

Research activities of the University of Telecommunications and Post

The main research activities of the University of Telecommunications and Post are in the areas of:

- ✓ Information and communication technologies;
- ✓ Radio communication technology and navigation technologies;
- ✓ Management and digital transformations in the communications sector;
- ✓ Engineering and digital transformation of business processes.



Thank you for the attention!

