MEET OUR TEAMS

University of Belgrade

Faculty of Organizational Sciences (FOS)

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The University of Belgrade – Faculty of Organizational Sciences (FOS) is a leading accredited Faculty in Serbia in the field of management and organization, and information systems and technologies, with 6000 students attending three levels of studies. Our mission is development and dissemination of knowledge and skills in the fields of management and organization and information systems and technologies, through the education, research and consulting in order to train future experts to develop the potential of the economy and society as a whole.

How does TEACH4EDU4 project fit into this mission?

Within the project Accelerating the transition towards Edu 4.0 in HEIs - TEACH4EDU4, the Faculty of Organizational Sciences will develop competences of the institution to Education 4.0, where humans and technologies are aligned with the aim to enable achievement of skills, competences and knowledge necessary in 21st century. As an institution which continuously invest in development of their own employees, TEACH4EDU4 will prepare our teachers to respond to the requirements of Education 4.0. FOS will use learning design models developed through the project to implement innovative teaching models. According to the most important direction of development of our institution is digitalization, FOS will promote innovated, effective, internationalized digital age teaching and learning environments.

What is your role in the TEACH4EDU4 project?

FOS will participate in all five intellectual outputs: IO1: Catalogue of new forms of teaching, learning and assessment in CS in Edu 4.0 and related teachers' skills and competences, IO2: Learning design models, IO3: Collaborative Teaching Methods for Joint Creative Classrooms – as a co-leader, IO4: Guidebook on the use of learning data to create evidence-based learning design decisions, IO5: Partnership Manifesto - Transferability of the developed models.

Within the IO3, FOS will develop the following courses: Data Analytics (for software developers) / Machine Learning, Agile Software Development, Modelling and Computer Simulation, Computational Social Science. Also, FOS will work with representatives from the business sector to define and create business cases that will be implemented in the courses in order to provide students with the opportunity to learn and gain experience from working on real-life scenarios.

In order to promote the results of the project, in February 2023, FOS will organize Multiplier Event with 25 local participants – educators from different universities, policymakers and representatives from IT companies in Serbia. The event will consist of two parts: presentation of project results and workshop for participants.

What is the most exciting aspect of taking part in TEACH4EDU4?

We are excited to work with teachers from leading institutions that offer computer science programmes to students.

As a leading institution in Serbia in the field of Information and Communication Technologies, we are expecting to share our achievements and to gain more experience in the field through collaboration in JCCs. We are very proud with connection to the economy and a large number of IT companies. In very close collaboration with them, we are creating very realistic environment for the development of student's ideas and projects. This project will increase those connections and make results more effective.

In your opinion, which of the competences expected by the Industry 4.0 do you find most important?

Industry 4.0 introduced us with a number of workplaces requiring employees with a high level of technical knowledge and teamwork skills. Our curriculum provides an excellent base for students to gain the required education to get involved with Industry 4.0. Still, such a fast-paced environment requires constant learning and skills development – even after completing the study program.

Broadening the knowledge may be achieved more efficiently by sharing the expertise with others involved in similar topics. As part of this project, multiple JCCs will be created, with both students and teachers from multiple universities working together on a given topic. This may be a good starting point for all of us to connect and learn one from another.

How can we can make students more engaged and motivated to develop these competences?

Students can be motivated through insight into real systems, their advantages and limitations, using virtual classrooms and attending lectures and workshops from other institutions, together with analysing examples of good practice.

It is important for students to participate in real digitization projects. Through different project phases, they will get acquainted with the available tools and ways to overcome the challenges. At the end of the process, they should observe the improvement brought by digitization and note if anything could have been done even better.

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