**Nuclear industry professionals are trained for the Paks II program at the Technical**

**Faculty in Pécs**

**There is a growing demand for professionals who like to work in the nuclear industry. In the near future two new nuclear powerplant will be built to replace the old units which has to be shut down. The operation of the new nuclear power plant will require the work of hundreds of nuclear specialists. Therefore, in connection with the Paks II program, the Faculty of Technology and Informatics of PTE has launched special training courses in "Nuclear Power Plant Operations Engineer" and "Nuclear Power Plant Operations Specialist" in February 2020 and is already organizing the start of the next year by February 2021.Graduates can carry out tasks in the operation of nuclear power plant technological processes in the new nuclear power plant, but the knowledge acquired in the faculty can be used in many areas of the nuclear industry.**

The purpose of the vocational training courses is to train specialist engineers and specialists with basic knowledge of the technological processes of the nuclear power plant (reactor technology, mechanical technologies, water preparation, electrical technologies, control technology, environmental and radiation protection), to understand the main technological systems of the nuclear power plant, the process of operation, to understand the basics of nuclear safety and to the safe operation of the nuclear power plant. You can apply for a bachelor's degree in engineering (e.g. materials, energy, mechanical, mechatronics, chemistry, environment, electrical engineering, engineering) or master's degree (e.g. materials, energy, mechanical, industrial product design, mechatronics, chemical, environmental, electrical engineering, mechanical modelling, engineering). A szakemberképzésre alap- vagy mesterképzésen szerzett fizikus vagy vegyész oklevéllel rendelkezőket is várnak.

"The trainings, including their purpose, their structure, the curricula, are based on paks ii. Zrt., as well as the Budapest University of Technology and Economics, the University of Pécs, the University of Debrecen, the University of Pannonia, the University of Miskolc and the University of Dunaújváros. These partners also work closely together in the course of education," says Dr. Anita Kovács, head of the department responsible for organizing the training. "With the special training at PTE MIK, a series of special training courses have already been launched in connection with the nuclear industry, as well as special training courses for nuclear environmental engineers and nuclear environmental specialists. A Paks II. Zrt. plans to recruit hundreds of advanced technical professionals during the investment. The company expects both experienced and young engineers. After acquiring power plant-specific knowledge, the qualified engineers and specialists will be able to solve simpler tasks in the operation of nuclear power plant technological processes in the new nuclear power plant, perform simpler management, management, organizational and official tasks related to the operation of the nuclear power plant and be prepared for lifelong learning and knowledge. More broadly, the knowledge gained in training can be used in many areas of the nuclear industry," stresses the Head of Department.

The two-semester correspondence courses at the PTE Faculty of Technology and Informatics will be re-launched in February 2021 in Paks II. As in the first year, they can be carried out free of charge up to a given number of persons. Applications for the training can be submitted continuously and the application deadline is 20 January 2021.

**Further information:**

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