

## Press release



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07/02/2020

ID: 273

## Electrical engineering studies in Kaposvár from September 2020

- Practice-oriented education: the pupils will acquire the latest technological know-how in a practical way
- The Óbuda University and Robert Bosch Kft. would create a nationwide Industry 4.0 network of laboratories
- Multidisciplinary engineering studies: the curriculum offered will encompass BSc and MSc tuition in at least three different disciplines until 2030

Thanks to the cooperation of Robert Bosch Kft., the Óbuda University and the city of Kaposvár, the new electrical engineering courses are deeply tied to the industry needs of the city. In this off-campus study program of Óbuda University the students have a chance to use their theoretical knowledge in various real-life projects even while they are still learning.

The new Electrical Engineering BSc in Kaposvár strives to be the leading base of the Hungarian dual system in the higher education, and with that help spread the practice-oriented education in the country. Robert Bosch Kft. helps shape the study program with their industry experience. Both the company and the Óbuda University are fully committed to creating a network of labs dedicated to Industry 4.0. This would provide exceptional possibilities in the field of tertiary education not only on a national, but also on a Central and Eastern European level. The cooperation agreement between the two organizations also lays down the fundamental directions of the common development, research, and innovation projects in the topics of artificial intelligence, robotics, precision farming and self-driving vehicles. Experts of Robert Bosch Kft. will also participate as instructors, and also noted academics have been approached to support the program.

The goal of this soon to be launched engineering course is to provide valuable knowledge to the students by tutors who are industry-oriented and who know and understand the employment requirements of the industry. This creates a solid basis for high-quality education. The pupils will acquire the latest technical and

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technological know-how in a practical way, so upon entering a new workplace, they will be able to work almost at 100 percent of their value from day one. The plan is to expand the engineering courses offered in Kaposvár in steps until 2030: the curriculum offered will encompass BSc and MSc tuition in at least three different disciplines, thus laying the foundation for multidisciplinary engineering studies. Kaposvár has the appropriate educational infrastructure, and the city also offers great possibilities regarding housing, recreational and sports activities for its students. In addition to this they are launching development and research programs with industry partners, thus strengthening the competitiveness of the region and the whole country.

## **More information:**

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## **Basic information:**

Bosch has been present in Hungary since 1898 with its products. After its re-establishment as a regional trading company in 1991, Bosch has grown into one of Hungary's largest foreign industrial employers with currently nine subsidiaries. In fiscal 2019 it had a total turnover of HUF 1,465 billion and consolidated sales of the Bosch Group on the Hungarian market – not counting trade among its own companies – amounted to HUF 259 billion. The Bosch Group in Hungary employs more than 15,000 associates (as of December 31, 2019). In addition to its manufacturing, commercial and development business, Bosch has a network of sales and service operations that covers the entire country.

The Bosch Group is a leading global supplier of technology and services. It employs roughly 400,000 associates worldwide (as of December 31, 2019). The company generated sales of 77.7 billion euros in 2019. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT provider, Bosch offers innovative solutions for smart homes, Industry 4.0, and connected mobility. Bosch pursuing a vision of mobility that is sustainable, safe, and exciting. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group's strategic objective is to facilitate connected living with products and solutions that either contain artificial intelligence (AI) or have been developed or manufactured with its help. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life." The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiary and regional companies in 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. The basis for the company's future growth is its innovative strength. Bosch employs some 72,600 associates in research and development at 126 locations across the globe, as well as roughly 30,000 software engineers.

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