**Project title:** Development of a mobile robot (autonomous vehicle) using artificial intelligence and RPi - FT interface

**Grant beneficiary:** Didacta advance d.o.o.

**Short description of the project:** The project proposal "Development of a mobile robot (autonomous vehicle) using artificial intelligence and RPi - FT interface" is aimed at transferring expertise and technical knowledge needed to test and test the use of Raspberry Pi - Fischertechnik interface in mobile robot development to bring artificial intelligence closer to autonomous vehicles children and young people. The proposed project activities will ensure the upgrade of the applicant's products with new features and characteristics, which will consequently lead to an increase in sales revenue and business competitiveness.

**Objective and expected results of the project:** ZIO (Department of Electronic Systems and Information Processing FER) will develop, test and test a mobile robot with the aim of bringing artificial intelligence closer to autonomous vehicles.

The described project activities will enable the realization of the following project results:

1. Developed a mobile robot with the aim of bringing artificial intelligence on autonomous vehicles closer to children and young people;
2. Developed instructions on handling and use of the developed mobile robot with robotic vision;
3. Developed digital instructions on handling and use of the developed mobile robot (autonomous vehicle);
4. Implementation of the project in full compliance with the provisions of the Grant Agreement.

**Total project value:** 125.000,00 HRK

**Total eligible costs:** 100.000,00 HRK

**Grants:** 75.000,00 HRK

**Project Implementation period:** 13.9.2021. – 12.12.2021.

**Contact person for more information:**

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European Structural Investment Funds: https://strukturnifondovi.hr/

European Regional Development Fund: https://strukturnifondovi.hr/eu-fondovi/

Competitiveness and Cohesion Operational Program: https://strukturnifondovi.hr/eu-fondovi/esi-fondovi-2014-2020/op-konkurentnost-i-kohezija/

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