



## Robotics- Robotics in elementary school

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### Abstract:

The advancement and development of new technologies requires teachers to introduce new teaching resources into the educational process of teaching Informatics and Computing. By introducing mBot in teaching in a creative and interesting way, students' motivation to develop and acquire digital and computer literacy has increased. The work shows mBot as a new, innovative tool that introduces students to the world of programming in a simple way. The results of the empirical research among the students of the seventh and eighth grade confirmed the premise of increasing motivation, as well as the development of the interest and curiosity of students in the field of information and computing. The students also showed great interest in participating in competitions and projects.

### Biography:

Born in Belgrade in 1979. The last level of education is second degree studies at Faculty of Technical Sciences in Belgrade, with the title of Master Professor of Engineering and Informatics for e-learning. Since 2002, employed at the elementary school "Vuk Karadzic". Workplace – teacher subject, teaching - subjects: engineering and technology and computer science and robotics. Member ZUOV Working Groups and Groups, Certified Leader "Training Program for 2,000 Education Employees "Dig-



ital Teacher/Digital Competent Teacher – introduction of electronic textbooks and digital educational content", Mentor in school Projects, School Diary Coordinator, Evaluator and Author of Subject textbooks.

### Publication of speakers:

1. Implementation of electronic education-advantages and incompatibilities in the educational process, Marina Lakcevic, 2018
2. Mentoring and integrated methodical practice, Marina Lakcevic, 2017
3. Intercultural sensitivity in preschool institution, Marina Lakcevic, 2017
4. Why do we need specialized TV channel for education, Marina Lakcevic, 2019
5. Development and validation of HPLC method for in-vitro determination of dissolution of Bromazepam in tablets, Marina Lakcevic, 2018

8<sup>TH</sup> International conference on Robotics and Artificial Intelligence, August 10-11, 2020 London, UK

**Citation:** Marina Lakcevic, Robotics- Robotics in elementary school, Euro Robotics 2020, August 10-11, 2020 London, UK.