

## **Abstract**

In this thesis the author is focused on the fourth industrial revolution or so called “Industry 4.0”. This term refers to the current trend of digitization and automation of the manufacturing. In this paper the attention is concretely paid on its current impacts on the labour market in the area of manufacturing and industry. The thesis is focused on the current situation in the Czech Republic. In this country the term “Industry 4.0” is relatively new. In these days there are some initiatives and researches made about the implementation of the Industry 4.0. These initiatives focus not only on the area of industry and manufacturing but also on the area of education. These documents also present expected impacts of the Industry 4.0. The author compares these expectations with the current situation on the labour market.

In the theoretical part of this paper the author describes the three previous industrial revolutions and their impact on the labour market and society. Then she describes the Industry 4.0 and the key phenomena related to this topic. After that there is a part about the key documents and researches.

In the practical part of this paper the author introduces her own research. This research was based on six semi-structured interviews with the employees from the area of manufacturing and industry. These employees hold positions of directors of manufacturing, HR and the positions specialised on the implementation of the Industry 4.0. On the basis of these interviews the author answers her research questions.