

Introduction

I am Tímea Tuza, I work at JKP STATIC Ltd. Concrete Laboratory as a testing engineer and deputy head of the laboratory.

I have an MSc degree in structural engineering. During my studies I started working as a technical drafter, so I am familiar with the usual structural solutions, the materials, and the problems or opportunities that arise from each situation. I did both my bachelor's and master's degree in steel structures. I got a deep knowledge about stainless steel and non-linear material modelling during my work on the MSc thesis.

In my last semester I had the chance to work on a seven-storey concrete building. I was a part of the designing process, then entrusted with the process of making the complete blueprint, and lastly, I had to supervise the compliance of the construction.

In terms of materials FRC and FRP were unknown to me, but for the sake of the future we have to explore new and not widespread possibilities and reform our building techniques. With JKP STATIC Ltd. we research and support the development of concrete, we focus on the carbon footprint and work for a sustainable future. The Concrete Laboratory is accredited by the Nation Authorities and is ready to examine old and familiar materials as well as new and advanced ones.

As a young engineer I support all development trends and every endeavour that results in a more beautiful and liveable world.

Tímea Tuza

Budapest, 9th February 2023

Curriculum Vitae

Personal data

Name: Tímea Tuza
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Education

2020 - 2022 Budapest University of Technology and Economics (BME)
Faculty of Civil Engineering, Structural Engineer MSc.
2015 - 2020 Budapest University of Technology and Economics (BME)
Faculty of Civil Engineering, Structural Engineer BSc.

Language skills

2014 English B2

Work experience

2022 – JKP STATIC Ltd.
2021 Garancia Mérnöki Iroda, structural engineer
2018 – 2021 Pitaxterv Mérnöki Kft., structural engineer

Professional interest

Design, modelling structures, laboratory testing and research of concrete, reinforced concrete and fibre-reinforced concrete (FRC) materials and structures, concrete technology, testing of materials.