Teaching Structural Engineering at Faculties of Architecture

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ABSTRACT

OBJECTIVE OF RESEARCH

Strategic Target

1. Popularization of teaching Structural Engineering as a branch of architectural studies at select European universities.

Teaching Target

2. Developed a systematic and methodological approach to teaching Structural Engineering.

3. Conducted a comparative analysis of the content of Structural Engineering courses at selected European universities.

4. Developed a guide for creating and implementing structural design courses.

5. Developed a case study of teaching Structural Engineering at the Czech Technical University in Prague.

METHODOLOGY

1. Developed a questionnaire for selecting study programs (Faculty of Architecture, Czech Technical University in Prague).
2. Conducted interviews and workshops with stakeholders.
3. Analyzed existing teaching methods and materials.
4. Designed a comprehensive teaching plan.

OUTCOMES AND RESULTS

1. Developed a comprehensive guide for teaching Structural Engineering.
2. Conducted a comparative analysis of Structural Engineering courses at select European universities.
3. Designed a case study of teaching Structural Engineering at the Czech Technical University in Prague.

ACKNOWLEDGEMENTS

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REFERENCES

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