

CERTIFICATE
On the Completion of the Internship

Full name of the professional development provider:

Dnipro University of Technology

Full name of the participant (surname, first name, patronymic):

Julia Blazy

Position: Assistant

Academic degree: PhD Eng.

Academic title: Assistant

Duration of professional development: 32 working days

Name of the institution where the professional development (internship) is carried out: Dnipro University of Technology

Academic supervisor appointed: DSc Eng., Professor H. Starushenko

According to Order No. 168a.-z. dated "14" May 2026

Period of professional development: from "18" May 2026 to "30" June 2026

Form of professional development: Online

Type of professional development: Internship

Workload: 150 hours

Description of the achieved results: The internship resulted in a significant deepening of knowledge in the field of advanced modified concretes, particularly fiber-reinforced concrete (FRC), and modern approaches to the analysis and design of slabs on grade. It also expanded expertise in analytical and numerical methods used in civil engineering. An outcome was the strengthening of scientific cooperation, including the exchange of knowledge, research experience, and best practices between the participating institutions.

Topics: Advanced modified concretes, including fiber-reinforced concrete (FRC); Mechanical properties and reinforcement mechanisms in FRC; Methods for evaluating strength, cracking, and deformation behavior of concrete; Structural analysis and design of slabs on grade; Slab-soil interaction models; Analytical and numerical methods in structural engineering; Behavior and modelling of FRC slabs under loading conditions.

The professional development (internship) programme has been completed in full.

First Vice-Rector

Internship Supervisor

(Official Seal)



Artem PAVLYCHENKO

Halyna STARUSHENKO

Registration No. 06-30/53
dated 02 07 2026

