



IAESTE CZECH REPUBLIC

INTERNSHIP OFFER

Ref. No. CZ-2024-010001

Internship Host Information

Internship Host: Experimental Centre, Faculty of Civil Engineering, Czech Technical University in Prague
Experimental Centre
Thakurova 7/2077
166 29 Prague 6
Czech Republic

Website: <http://ecentrum.fsv.cvut.cz/en>

Location of placement: Prague
Nearest airport: Prague
Working hours per week: 40.0
Working hours per day: 8.0

Number of employees: 26

Business or products: Static and dynamic testing of structural building elements and materials

Student Required

General Discipline: MATERIAL SCIENCES AND ENGINEERING
Completed years of study: 3

Field of Study: Materials Science.; Materials Engineering.
Student status requirements: required when nominated

Language required: English Excellent (C1, C2)

Required Qualifications and Skills:

Scientific Research | Laboratory Work | Independence | Academic Writing

Other requirements:

Initiative, Responsibility and Optimism.

Knowledge of Concrete Technology.

Internship Offered

Experimental centre (EC) covers a wide range of experimental testing through the entire spectrum of materials including concrete, steel, timber, glass, masonry and composite materials. Apart from the laboratories EC also deals with in-situ experiments regarding static as well as dynamic testing. Experimental centre (EC) is currently dealing with development and testing of Ultra-High Performance Fibre-Reinforced Concrete. UHPFRC is becoming very vibrant so its utilization in the protective structures is nowadays dynamically promoted. UHPFRC can be classified as cementitious composites with very low water to binder ratio, enormous amounts of high-range water reducers, aggregate with a maximum grain size of less than 1 mm and fibre reinforcement in the form of high-strength steel fibres. Such material provides the structure with essential resistance while maintaining its standard thickness and appearance because it has much greater ability to dissipate energy and absorbs force impulses.

Number of weeks offered: 6 - 12
Working environment: Research and development

Within the months: 19-FEB-2024 - 20-DEC-2024
Gross pay: 15000 CZK / Month

Or within: -
Deduction to be expected: -

Company closed within: 29-JUN-2024 - 01-SEP-2024
Payment method / time / of first payment:

Latest possible start date:

Accommodation

Canteen at work: Yes

Expected type of accommodation: Student dormitory
Estimated cost of lodging: 7000 CZK / Month

Accommodation will be arranged by: IAESTE
Estimated cost of living incl. lodging: 15000 CZK / Month

Additional Information

Please follow the instructions for preparing nomination documents and the visa process in the attached document. These documents are only for you and your student, please don't add them into your student's nomination!

Nomination Information

Deadline for nomination: 15-APR-2024

Date: 27-MAR-2024

On behalf of receiving country: IAESTE Czech Republic