



INTERNSHIP OFFER

Ref. No. CZ-2024-06012

Internship Host Information

Internship Host: Tomas Bata University in Zlín
Centre of Polymer Systems
třída Tomáše Bati 5678

76001 Zlín
Czech Republic

Website: <http://cps.utb.cz/>

Location of placement: Zlín, Czech Republic
Nearest airport: Vienna, Bratislava, Prague
Working hours per week: 40.0
Working hours per day: 8.0

Number of employees: 1000
Business or products: Polymers

Student Required

General Discipline: CHEMISTRY AND CHEMICAL ENGINEERING
Field of Study: Chemistry, General.

Completed years of study: 8
Student status requirements: not required
Language required: English Excellent (C1, C2)

Required Qualifications and Skills:
Chemical Engineering

Other requirements:
PhD student required.

Experience with: ATR-FTIR, UV-vis spectroscopy, XRD Instrument

Internship Offered

Investigation of biodegradable isocyanate-free polyurethanes and hybrid isocyanate-free polyurethanes that can be used for coating applications as well as hybrid inorganic-organic molecules for solar cells. The aim of the research will be to improve skills and deepen expertise in this field, particularly the development of biodegradable/renewable isocyanate-free polyurethanes for drug delivery as well as solid electrolyte films for batteries/supercapacitors and also focused on hybrid materials for optoelectronic applications.

Number of weeks offered: 12 - 48
Within the months: 03-JUN-2024 - 01-DEC-2024
Or within: -
Company closed within: -
Latest possible start date: 01-SEP-2024

Working environment: Research and development
Gross pay: 30000 CZK / Month
Deduction to be expected: 0
Payment method / time of first payment: Cash / the gross pay could be bigger in connection of participation in projects

Accommodation

Canteen at work: Yes
Expected type of accommodation: Student dormitory
Accommodation will be arranged by: IAESTE

Estimated cost of lodging: 5000 CZK / Month
Estimated cost of living incl. lodging: 10000 CZK / Month

Additional Information

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

Nomination Information

Deadline for nomination: 31-MAY-2024

Date: 01-MAY-2024 *On behalf of receiving country:* IAESTE Czech Republic