

# Training Opportunity Abroad

## BULGARIA

### Engineering Summer Internship 2022



**PROGRAM OBJECTIVES**

During the whole internship, the participants will gain technical skills for the elements of international practicing of engineering. The program targets developing the professional capabilities of the participants while having multicultural outstanding experience. An experience that will push them to a whole new thought process and gain new perspectives.

#### PROGRAM OVERVIEW

The professional practice internships aims to exposing young engineers to international European industrial offices and factories. The program specifically focuses on production, renewable energy and precision engineering.

#### EXCURSIONS & INDUSTRIAL PRACTICE

- SMC corporation.
- Festo automation technology.
- CEZ group.
- Kozloduy nuclear power plant.
- Micro-Hydroelectric power plant.
- ABB Bulgaria EOOD production unit.

#### PRACTICAL TRAINING

The program aims to provide a detailed journey through the technical skills of international practicing of engineering. The program exposes the students to new cutting-edge technologies used in Europe while maintaining a cultural exchange with european countries to provide new insights and inspirations.

#### PARTICIPANTS INFORMATION

<b>Two weeks internship</b> 1 month visa invitation, 2 weeks intensive training.	<b>Bulgaria</b> Sofia
<b>4 Stars Hotel</b> Meals: Open buffet BIO - breakfast	<b>Certificates</b> 1 month training certificate
<b>1790 Euro</b> > Down Payment: 200 Euro > Cost includes: Internal Transportation Picking up from and to the Airport Accommodation - Internship and training fees - Safetywear - Mutual supervisors	<b>01062366847</b> (For Calls or Whatsapp) <a href="mailto:internationalinternships10@gmail.com">internationalinternships10@gmail.com</a> <a href="https://www.facebook.com/internshipsEurope1/">https://www.facebook.com/internshipsEurope1/</a>



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The training program extends over two weeks:

The first week includes full day extensive supervised visits to the following industrial installations:

1) SMC Corporation:

SMC Corporation is a Japanese company founded in 1959, which specializes in pneumatic control engineering to support industrial automation. SMC develops a broad range of control systems and equipment, such as directional control valves, actuators, and airline equipment, to support diverse applications.

2) Festo:

Festo is a leading world-wide supplier of automation technology and the performance leader in industrial training and education programs

3) CEZ - Bulgaria

ČEZ Group is a conglomerate of 96 companies 72 of them in the Czech Republic. Its core business is the generation, distribution, trade in, and sales of electricity and heat, trade in and sales of natural gas, and coal extraction.

4) The ABB plant

The ABB plant in the Rakovski industrial zone near Plovdiv, produces components for low and medium voltage equipment. The factory successfully combines several production types for low and medium voltage components, in order to sustain ABB's automation products' strong growth and support the expansion of the low voltage product range.

#### 5) The Kozloduy Nuclear Power Plant

The Kozloduy Nuclear Power Plant is a nuclear power plant in Bulgaria situated 120 kilometers north of Sofia. Kozloduy NPP currently manages 2 pressurized water reactors with a total output of 2000 MWatt.

The second week will be spent at the Excellence Cluster of CEZ – Bulgaria. The training center will conduct an extensive hands-on training on:

- 1) Electricity distribution networks
- 2) Fault finding and handling
- 3) Control systems.
- 4) Embedded control equipment

#### Program details, cost and facilities:

The Program cost is **1790 Euro** that includes:

**(Not including visa fees and flight expenses)**

- 1) The cost of training program starting July 24<sup>th</sup> and ending on August 6<sup>th</sup> 2022.
- 2) A visa invitation for 1 month.
- 3) Accommodation in 4 stars hotel + open buffet breakfast.
- 4) Daily transportation from factories to the accommodation and back.
- 5) Picking up from the airport and back.
- 6) Training supervision.
- 7) Training Certificate for 1 Month.

## Registration Procedure:

1) Interested student should register his/her name and ID in the online excel sheet at the following link before Thursday, 16<sup>th</sup> June 2022:

[Bulgaria Registration.xlsx](#)

2) In case the number of registered students has reached the threshold to open the program, each student must pay a deposit of **200 Euro** against a receipt to initiate the process of visa issue.

3) Upon the issue of the visa, the student should pay the remaining part of the program cost.

4) All inquiries can be directed to CCEE Industrial Training coordinator at the email address shown below.

Dr. Hanna A. Kirolous

Industrial Training coordinator

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