

OPEN CALL: SEE student training project

Programme coordinated by Politehnica University of Timisoara with practical activities in local companies

GENERAL INFORMATION:

- **Politehnica University of Timisoara (UPT)** is one of the biggest technical universities in Central and Eastern Europe. It was founded in 1920, and until 99 years educated over 123 000 engineers, greatly appreciated on the national and international level for their competence. As a student at UPT, you can learn from internationally-recognized specialists, gaining skills and experience that will help you stand-out.
 - **Timisoara** is a safe, fun and culturally diverse city, with a vibrant artistic life and a dynamic business community. It has a population of 350 000 inhabitants, out of which 40 000 are students working to achieve their career goals. Recently the city was selected to be the 2021 European Capital of Culture. Join us now and you will be able to experience a multitude of social and cultural events throughout your studies.
 - **Living costs in Timisoara:** Life in Timisoara is not expensive, so an amount of 500 EUR/ month should allow you to have a pleasant stay in Timișoara. This amount would cover your accommodation in the student residence, food, clothes, personal care products, books, attending social and cultural events and some trips.
 - **Facilities in UPT:** UPT offers a multitude of free or very cheap facilities for students and staff: free library, cheap restaurants, free sports base and cheap student residences.
-
-

PROGRAMME INFORMATION:

UPT Coordinator:

- **Name and surname:** Lecturer PhD Eng. Topor Marcel
- **Position:** member of the department
- **Department:** Electrical Engineering and Industrial Informatics
- **E-mail:** topor.marcel@fih.upt.ro

The host company (name/ main field of activity): Faculty Engineering of Hunedoara - Politehnica University of Timisoara / Education

Short description of the training programme: Advanced electric drives and electric machines systems for the energy efficient industry 4.0 (electrical engineering, factory automation, renewal energy generation ,

electric powertrain design and testing, cement factory automation, variable speed pumping, Industrial informatics, industrial telecommunications, variable speed generators)

Study cycle: bachelor, master, PhD

Main tasks:

- Experimentation and application of theoretical knowledge
- Research and testing in the laboratory phase
- Solving a topic / project relevant to the field

Terms and conditions:

- Traineeship duration: 2 – 3 months.
- Successful applicant should start ideally in: April, 2020
- Financial compensation: EEA and Norway mobility grants according to the programme's rules; currently this is 1000 EUR/ month for subsistence, + a transport grant depending upon the distance from the home university to Timisoara (275/360/560 EUR).

Required skills and experience:

- Use of basic knowledge to solve well-defined professional problems
- Operation with the fundamental concepts in the field of electrical engineering.
- The appropriate use of the concepts in the field of electrical engineering and industrial informatics.

Gained competences:

- Harnessing opportunities in personal and professional development.
- Designing constructive solutions meant to grant the functional requirements of efficient industrial motion control with electric drives systems.
- Design optimal selection and use of advanced electric drives in the automated factories.

For application procedure details or if you have any other queries please feel free to contact us at: see-ESAYEP@upt.ro.