



Centre for International Relations

Digitalization of Future Urban Life Style

Proposal for a Blended intensive programme for computer science/engineering students from 1st and 2nd study cycles.

Coordinating partner: Istanbul Kültür University, Türkiye

Venue: “1 Decembrie 1918” University of Alba Iulia, Romania

Virtual component dates: 14.06.2024 and 01.07.2024

Physical mobility in Alba Iulia, Romania: 20.06.2024 – 24.06.2024.

Learning outcomes:

- Students will: acquire knowledge of specific concepts on smart cities
- Students will: be able to define the terminology about the core components of digitalization of urban areas; use the concepts to develop software for smart cities; explain the methods and techniques to be considered for their improvement.
- Students will: be able to define the terminology; explain the directions to be considered for its improvement.
- Students will: acquire and understand intercultural communication skills; understand diversity and the values of multicultural study environments; know what means to take part in an international scientific event.

Overall objective: The goal is to give birth to new innovative projects, to expand the knowledge and culture of digitization in urban life.

The BIP programme will encompass a competition, *Hackathon in4it-UAB*, an event organized by the "1 Decembrie 1918" University of Alba Iulia, in partnership with the Alba Iulia City Hall, aiming to provide students with the opportunity to tackle issues around the topic of digitalization. The event will take place on 20-23 June 2024.

The goal is to foster new innovative projects, expand knowledge and the culture of digitalization.



Centre for International Relations

Projects that are to be awarded prizes must be centred around topics like eGovernment, eLearning, fintech and any applications of artificial intelligence.

The winning solution will be selected based on the originality of the idea, the scientific relevance, as well as its practicality.

To apply, participants need to be nominated to our university until 30 April 2024 and prepare their registration (see below). Registration can be either individual, or in **teams of maximum 5 persons**, and should indicate the intended topic.

Each candidate / team representative should send us all necessary information and should accept the current rules of the programme.

For registering, you need to send us:

An agreement for personal information processing, including using photographs and videos to be taken during the event by the organizers.

Title / idea of the proposed project.

Description of the proposed project.

Each team will have to present a pitch in PDF/PPT format, that will describe in detail the solution to the proposed topic. Teams will have 5 minutes to present their pitch to a jury made up of experts.

The jury will evaluate the solution and its presentation and will award prizes to the projects getting the highest scores.

Projects will be evaluated based on the following criteria:

- **Technic** - how complex and correct is the proposed solution?
- **Innovation** - how innovative and unique is the idea?
- **Relevance** - what is the usefulness of the idea?
- **Social impact** - how does the idea support the social dimension?
- **Economic sustainability** - how sustainable is the idea from a financial point of view?
- **Presentation** - does it adequately summarize the idea? Is it complete and clear?
- Each criterion will be evaluated by the jury on a 5 point scale, with 5 the maximum and 1 the minimum, with the maximum total being 30 points. Projects having the greater scores will be selected as winners.



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The proposed schedule of the BIP:

Thursday 20.06.2024 – Sunday 23.06.2024 *Hackathon in4it-UAB*

Sunday 23.06.2024 – Monday 24.06.2023 - **Practical course on innovative technologies for a new digital era; Theoretical and practical on computational surveying; Theoretical and practical on environmental sustainability**