

EIT HEI Initiative

Innovation Capacity Building
for Higher Education



Certificate of Attendance

Oleksandr Dobrzhanskyi

has participated in EIT HEI Initiative activity and successfully completed the Course
“Innovation Entrepreneurship and Startups Leadership in DeepTech” within the
framework of the DEEP INVENTHEI project, 30 hours (1 ECTS)



Gil Manuel Gonçalves

07/12/2023



DEEP tech INnoVation and ENTrepreneurship in HEIs

EIT-DEEPINVENTHEI-23-24/1-039

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Certificate № EIT-DEEPINVENTHEI-23-24/1-039

Oleksandr Dobrzhanskyi

has completed the course *"Innovation Entrepreneurship and Startups Leadership in DeepTech"* within the framework of the DEEP INVENTHEI project, a continuing education programme (for academic and non-academic staff) provided by Zhytomyr Polytechnic State University.

The Course is designed for academic and non-academic staff to increase their entrepreneurial competencies in DEEP TECH and the best teaching methods and practices implementation.

Objectives and tasks:

Development of a knowledge system on the functioning of innovation and startup ecosystems, and practical skills on creating own startup in DEEP TECH, its effective management to ensure leadership.

Competencies and learning outcomes of the successful learners: understanding and joining the global innovation ecosystem and local startup ecosystem; ability to track checkpoints of the functionality of the startup, understanding the essence and strategic prospects for the development of DEEP TECH; developing skills in creating vision, mission, values, BSC, 'blue ocean' strategy; knowledge and skills of team building and group dynamics management;

developing skills in problem identification, generation, and validation of startup ideas, it's pivot; understanding and using the LEAN methodology, creating a value proposition for customers; ability to logically build a business model to ensure leadership through scaling and opportunities for incubation, acceleration, grant and venture investment, developed pitching skills; understanding of the peculiarities of managing a DEEP TECH company that will grow out from the startups and tools for providing global leadership

Topics:

1. Unique innovation and startup ecosystems.
2. Startups and their types: organizations that change. Features and key characteristics. DEEP TECH.
3. Visionship in innovative entrepreneurship.
4. Team: transformation rules in DEEP TECH.
5. Fundamentals of design and art-thinking: tools for identifying the problem, request and needs of the client.
6. Map of empathy and value proposition creation in LEAN startups.
7. Business model, and pitching rules: face-to-face with venture capital investors.
8. Management of a DEEP TECH company that has grown out from an innovative startup. Global leadership.

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Events:

- Lecture “Engineering Deep Tech” of Professor Gil Manuel Magalhães de Andrade Gonçalves (04.12.2023)
- Mentoring sessions - consultations.
- Individual work, independent learning.

Methods for assessment of learning outcomes:	non-differentiated
Assessment results:	pass
Duration:	30 hours (1ECTS)
Starting and Ending date:	October–December, 2023
Place:	Zhytomyr, Ukraine

December 07, 2023

Host coordinator to university: **Doc. Yuliya Bogoyavlenska, Ph.D., Dr.**

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