INGENIUM

CALL FOR PARTICIPANTS

INGENIUM Junior School
Print your mind in 3D - Empower Your Creativity
20-24.05.2024, Iași, Romania

Level	Bachelor
Field of study	All fields of study
Prerequisites	AutoCad 2D - recommended
Target group - students	3rd, and 4th-year students with a proactive and entrepreneurial mindset, interested in new product development, design thinking, and 3D Printing.
Program Title	**Print your mind in 3D - Empower Your Creativity**
General presentation	Are you ready to unlock your creative potential and bring your ideas to life? Don't miss out on the opportunity to participate in our immersive week-long workshop, where you'll embark on a transformative journey into innovation and entrepreneurship. Throughout this intensive program, participants will delve deep into the foundational principles of design thinking, meticulously dissecting each stage – from empathizing with users to prototyping solutions that will later on materialize through 3D Printing. From conceptualization to execution, you'll gain first-hand experience in translating ideas into tangible prototypes, fostering a deeper appreciation for the intersection of theory and practice in innovation. To complete the experience, you'll learn essential strategies for taking your ideas to market, from market analysis and identifying target audiences to crafting compelling value propositions and go-to-market plans. By the end of the week, you'll have developed a comprehensive understanding of the innovation process and be equipped with knowledge and tools to bring your ideas to market successfully. Don't miss this chance to network with like-minded individuals, gain valuable insights, and take your entrepreneurial journey to the next level. Enroll now, and let's innovate and create together!

Learning outcomes	By the end of our week-long workshop, participants will emerge equipped with the knowledge, skills, and confidence to navigate the complexities of innovation and entrepreneurship, fostering a dynamic interplay between theory and practice to drive meaningful change in today's ever-evolving landscape. More specifically, students will be able to: • Demonstrate a comprehensive understanding of the five stages of design thinking: empathize, define, ideate, prototype, and test. • Apply design thinking methodologies to identify and solve complex problems effectively. • Gain practical experience in designing 3D models using industry-standard software. • Analyze market dynamics and consumer behavior to inform strategic decision-making. • Engage in collaborative problem-solving activities and cultivate teamwork skills. • Refine presentation and communication abilities through project showcases and peer feedback sessions. • Cultivate a growth-oriented mindset conducive to innovation, resilience, and adaptability.
Physical start-date	20.05.2024
Physical end-date	24.05.2024
Virtual component timing	TBD
Virtual component description	**VM 1st session: Design thinking** This session serves as a precursor to our upcoming onsite workshop, where participants will dive into hands-on activities and explore the exciting world of Design Thinking and 3D printing. The online session will provide participants with an overview of the activities planned for days 1, 2, and 4 of the onsite workshops, as well as an in-depth exploration of design thinking principles. By the end of this online session, participants will have a better image of the process and activities that will be implemented during the onsite workshop. **VM 2nd session: 3D Printing** In this online workshop, participants will receive essential information about the activities planned for day 3 of the onsite workshop. Day 3 will focus on the practical aspect of 3D printing, where participants will have the opportunity to design and create their own products using 3D printing technology. We'll begin by providing a general overview of the activities scheduled for day 3, outlining the objectives and

	outcomes participants can expect. From understanding the fundamentals of 3D printing to exploring advanced techniques, participants will gain valuable insights into the capabilities and applications of this innovative technology. By the end of this online workshop, participants will have a solid understanding of the onsite activities planned for day 3 and will be well-prepared to embark on their journey into the world of 3D printing. **VM3 – Feedback session**
Country	Romania
City	Iasi
Main teaching language	English
Number of ECTS awarded	3