

The next meeting will take place in Elda/ Spain, on 17th July 2015.



- INGA 3D project published on the 2BFUNTEX data base of professionals from Textile and Clothing sector, <http://www.2bfuntex.eu/>
- INGA 3D project fiche included as a best practice in the 'Technological Changes' topic within the 3rd Report about Innovative tools and procedures in Employment/ Training Policies in the Textile/ Clothing/ Leather/ Footwear Industries, prepared by the French National Observatory in the framework of the European Skills Council for Textile, Clothing, Leather and Footwear. The 2014 Report of the European Sector Skills Council for Textile Clothing Leather and Footwear has been presented at ESC conference that took place in Brussels on 28 November 2014. The event gathered representatives of EU relevant stakeholders from European Commission and EU countries, such as: AT, BE, HR, DK, FR, DE, EL, HU, IT, LT, ME, NL, PL, SI, RO, PT, ES, UK
- Presentation of INGA project and distributing the flyer at Sohealthy project Working Group Meeting, 11-12 February 2015, Barcelona/Spain
- Presentation of INGA 3D project and distributing the flyer at the training seminar on footwear design organized by USAID within the framework of Moldova Competitiveness Enhancement and Enterprise Development Project II (CEED II), 23-27 March 2015. Chisinau/ Republic of Moldova.

Upcoming Event

INGA 3D Exploitation Workshop

- The workshop will take place on the **16th of July in Elda/ Spain**, being organized by **INESCOP**. Parallel sessions and practical demonstrations will be held for each INGA 3D training module.

Register yourself for participating in this event! Please contact Mrs. Esperanza Almodovar at following email address: esperanza@inescop.es

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This project has been funded with support

The fourth meeting of INGA 3D project was held in Porto, Portugal, on 17-18 March. A specific session was dedicated to Quality Assurance, including analysis of the running working packages, namely for what concerns progress on current tasks and monitoring indicators.

Partners have made excellent progress in developing the INGA Online Learning Platform which is now largely complete. For all modules the units and individual lessons have been finalized and aligned with previously defined objectives and learning outcomes. Learning contents for each module were developed in English, and then translated into Spanish, Romanian and Portuguese. The trainee's handbooks were drafted and a multimedia guide containing supportive tools and resources to be used by trainers during face to face classes have also been produced.

The process of implementation

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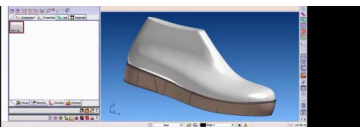
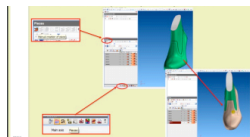
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INGA 3D COURSES

The learning courses offered by the INGA3D project are:

Module I FOOTWEAR CAD BY ICAD3D+ SOFTWARE

This module provides a basic understanding of utilizing the **Icad3D+ software**. Hands-on exercises throughout the units demonstrate techniques that can be applied to the Footwear Design. The primary objective of this module is to provide students with a thorough understanding of all the steps in 3D designing processes as well as skills and competencies necessary for creating accurate virtual prototypes by using the Icad3D+ software. After completing this course, students will know how to:

- operate with various features of Icad3D+ specific software.
- create footwear prototypes on virtual lasts, including accessories and components,
- obtain accurate virtual models using the rendering software and to prepare technical sheets.

Module II 3D CAD - APPLICATIONS TO BASIC FOOTWEAR CONSTRUCTIONS

This module introduces practical lessons which are based on the learning outcomes accumulated by students in Module 1. Each lesson is designed as a tutorial which covers the 3D modelling steps and the necessary Icad3D+ tools for completing basic models for

- to apply the 3D CAD technology powered by Icad3D+ software for designing basic footwear constructions types
- to practice the 3D modelling process to a range of different footwear styles, characteristics and features which are compatible with design requirements and expectations
- to develop skills and competences in producing detailed virtual models of women's, men's and children's footwear.

Module III 3D CAD - APPLICATIONS TO ORTHOPAEDIC FOOTWEAR

This module explores how to select lasts and to design footwear for specific foot pathologies. The main objectives of this module are:

- to apply knowledge of 3D CAD technology powered by Icad3D+ software in order to select orthopaedic lasts appropriate for the specific foot pathology.
- to practice the 3D modelling process to a range of different footwear styles, therapeutic features and modifications which are compatible with the specific foot pathology and users expectations.
- to develop the skills and competences to produce virtual models of women's and men's orthopaedic footwear designs.

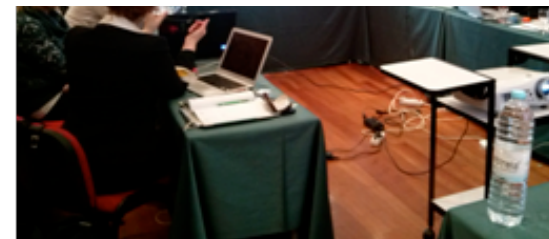
Each trainee has to study the theoretical content of the lesson and then to perform practical activities with Icad3d+software, such as: to choose lasts and to apply the knowledge of design requirements for specific foot pathologies, to modify a footwear collection, applying

Module IV 3D CAD - APPLICATIONS TO FASHIONABLE FOOTWEAR

Module IV is dedicated to professionals with special interest for fashionable footwear. Its main goal is to acquire comprehensive knowledge of all aspects surrounding the launch of footwear collections from idea to production. The objectives of this module are to teach students how to:

- apply 3D CAD technology powered by Icad 3D+ software for fashionable footwear through collection development.
- practice the 3D modelling process to a range of different styles, characteristics and features which are compatible with design specifications of the fashionable footwear.
- design footwear collections mainly focused on operating with various materials, footwear components, trimmings and ornamentalations.

Each trainee has to study both the theoretical content of the lessons and the available resources which enrich each unit. The next step in progressing with learning of this module is to perform practical activities with Icad3d+software. Exercises will be related to the theory developed in the first part of each unit using a previously defined collection; this allows having a general overview about the basics models that a Shoe Design collection has to have. Students will develop 3D virtual models along the same style but adding also his/her own creativity.



"Abstract and theoretical knowledge cannot be understood unless it is reinforced with everyday experience. For almost half a century of activity we have maintained this principle in order to provide training that responds to the rapid historical and social changes."

Francesco Morelli, Founder and President of the IED Group.

The IED Madrid is a Private Centre for Higher Art Education in Design, which belongs to the IED Group, an international network for education in Design and Management that originated in Italy in 1966. Today it has thirteen schools located in Italy, Spain and Brazil. In 2014, we celebrated our 20th anniversary; an experience which has resulted in an extensive training offer with an innovative, unique and recognizable academic model, able to adapt to the needs of a constantly changing society, and which has led to a large number of students being awarded prizes in prestigious national and international competitions, showing their work on the best catwalks with real projects carried out in close collaboration with companies in the sector. Since it opened, the IED Madrid has trained more than 85,000 students and receives 1,500 new students every year.

The IED Madrid is authorised by the Madrid Community as a Private Centre for Higher Education in Design. The IED is a member of Cumulus (International Association of Universities and Colleges of Art, Design and Media), the most important association of universities dedicated to design and communication in the world; also, it has signed collaboration and exchange agreements with more than 100 prestigious universities and with international academic programs (Erasmus, Socrates, ELIA, IAA, FIYTO and EAIE, MEC-Brazil) that facilitate the possibility of academic exchanges for the IED Group students.

The academic model of the IED Madrid pursues the articulation and implementation of its values in the educational processes and spaces of its

Paying attention to entrepreneurs sustainability, students will have the opportunity to professionalize their classes, giving them a professional and reflective view.

IED represents a system in which the laboratory will invent itself with designers who hope to generate a balance between nature and the committed and

OUR DATA: since its creation, 10,000 students, 100 different projects in 100 academic recognitions, 1,900 students; 1,900 professionals;

More information at <http://www.iedmadrid.com>

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