

Workshop Fusion 360 in the company Prior Ltd. for students of graduate studies Design of Wood Products from Faculty of Forestry



Students of graduate studies Design of Wood Products from Faculty of Forestry Ivan Ražov, Valentino Slivar, Franciska Klanfar, Ivana Hideg, Lovro Belina, Domagoj Mamić, Juraj Tomljanović, Tomica Perković i Igor Kolman with professor Silvana Prekrat, workshops educator Zdenko Kozar and Managing Director Dubravko Pavlic.

As part of the regular classes students the second year of graduate studies Design of Wood participated in the one-day workshop in the Prior. Long-term cooperation with the company Prior Ltd. this time extended by introducing the program Fusion 360 for students of Wood technology Department. The one-day workshop in which students could work independently to try the program for Parametric three-dimensional modeling was held in the new space companies Prior which is known for educating users Autodesk software packages according to the official Autodesk program attended by teachers and the Faculty of Forestry.

In the introductory part of the lecture are presented the possibility of working with a program that covers all stages of product development from concept to preparation for 3D printing models and the manufacture on CNC machine. With great interest the students are listening the instructions of experienced educators Zdenko Kožar. They are solve tasks which are related to the creation of 3D models with accompanying technical documentation and visualization. At the end of the day satisfied with the information, students received diplomas, and knowledge shall apply already in the development of their projects from Course Design of wood products.

A well designed examples gives an overview of the opportunities provided by the Fusion 360. The time set aside for execution of the workshop was too small for all details or is achieved interest for further independent research capabilities of the software, which was the aim of the workshop. Affordable application of already known Inventor allowed and students who are the first time tasted in making 3D models to follow the course of the workshop. Besides the quality content of the workshop students had the opportunity to use a 3D mouse significantly simplifies and speeds up the work in the 3D applications.

At the end of interesting and worth spending the day students are to thank for the Workshop. The usefulness of the application program Fusion 360 of all the participants was unanimously confirmed. They also noted a need for the introduction of three-dimensional modeling with the program Fusion 360 in the classes. Knowledge of using the program Fusion 360 increased competitiveness in employment.

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