

IPROD

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Improvement of Product Development Studies in Serbia and Bosnia and Herzegovina



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UNIVERSITY OF NOVI SAD

FACULTY OF TECHNICAL ENGINEERING

Report WP3

SEMINAR IN SELECTED CHAPTERS OF CONTEMPORARY PRODUCT DEVELOPMENT

Novi Sad, 2015

From 7th April till 9th April 2015 the Seminar in Selected Chapters of Contemporary Product Development was organized in company Precise Casting Plant – LPO, Ada, according to the permission of EACEA and Mrs. Antonella Giorgio from 23rd March 2015. The seminar was held in the education hall of company Precise Casting Plant – LPO from 10 till 14 o'clock (seminar agenda is enclosed).

There were 14 persons, engineers and technicians, interested to attend the seminar. List of applied participants is also enclosed. They all got permission from their chief that can participate to this lecture. However, teacher from University of Novi Sad, Siniša Kuzmanović and Milan Rackov, are very thankful to the authority of the company since employees could attend the lecture.

Every day there were two hours lecture of Prof. Siniša Kuzmanović, half hour coffee break and hour and a half lecture of Assist. Prof. Milan Rackov.

On Tuesday 7th April 2015 Prof. Dr. Siniša Kuzmanović opened the seminar and expressed satisfaction and gratitude for coming so large number of participants interested in Product Development. He thanked the authority and director of company Precise Casting Plant – LPO, Ada for calling the teachers from UNS to take lectures in the company. Assist. Prof. Rackov held a presenting of Tempus IPROD project. Prof. Kuzmanović held a lecture with a topic "Importance of Industrial Design" - Introduction, Products, Ideas, Market Characteristics, Different kinds of products. Assist. Prof. Rackov held lecture The basis of standards in technical documentation, Technical product documentation, Data fields in title blocks and documentation headers, Geometrical product specifications, Indication of surface texture in technical product documentation, Graphical symbols for the indication of surface texture, Indication of surface texture parameters, Indication of manufacturing method or related information, Indication of the surface lay, Indication of machining allowance, Summarizing of indications of surface texture requirements and their values.

On Wednesday 8th April 2015 Prof. Kuzmanović held a lecture with a topic "Factors that influence on Industrial Design" - Function, Using, Structure, Mass, Height, Materials, Ergonomic reasons, Safety, Efficiency, Price, The way of producing, Vibrations, Ecology, Special requirements, Low regulations. and "Elements of Industrial Design" - Structure, Composition, Symmetry, Proportionality, Elements of forms, Texture, Volume, Rhythm, Accent, Contrast, Decoration, Shadows, Colour. Assist. Prof. Rackov held a lecture with a topic Technical Drawings and geometrical tolerancing, Definition of the tolerance zone, indication and interpretation.

On Thursday 9th April 2015 Prof. Kuzmanović held a lecture themed "Lifetime of Design" - Lifetime of Products, Operating time and Lifetime, Depreciations of Products, Creating of Logos. Finalizing and conclusion of learning courses. Assist. Prof. Rackov held a lecture themed Design for environment (DFE). Finalizing and conclusion of learning courses.

Contracts have been signed between the company Precise Casting Plant – LPO, Ada and UNS - Faculty of technical sciences. Contract provide making mutual interconnection in the areas of scientific, educational, professional, business and technical programs. The contract will contribute to better solving of scientific research, professional, business and technical problems of any of the contractual parties.



Visiting manufacturing section of the company Precise Casting Plant – LPO



Tempus IPROD lectures in the company Precise Casting Plant – LPO



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