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PRODUCT DEVELOPMENT AT THE FACULTY OF ENGINEERING UNIVERSITY IN KRAGUJEVAC

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Abstract: Development of new products is one of the most important activities with which modern companies with a goal to stay competitive on the foreign and domestic market are faced. For achieving this goal it is necessary to have trained personnel in the field of product development.

At the Faculty of Engineering at the University of Kragujevac on the study program which is accredited in the period from 2008 to 2012, product development has been studied in specific subjects on various modules and levels of study. Within the accreditation from 2013 a redesign of the module for Mechanical Structures and Mechanization based on examples of some of the best universities from Europe in the field of product development,

In the following cycle of accreditation, or if possible before that, it is necessary to find possibilities and define one independent module on the master academic studies (one year or two year) which would completely be dedicated to studying product development.

Key words: product development, redesign, Mechanical construction and mechanization

1. INTRODUCTION

Modern companies today are faced with rigorous demands in the field of product development in order to maintain a steady business and be competitive on the market, [1,2,3,4]. For that reason there is a large need for qualified experts with sufficient knowledge in the field of product development. Consequently, the technical faculties have to adapt their study programs to modern requirements of the market [5,6,7,8].

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