

Politechnika Śląska
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PRACA DOKTORSKA

na temat

**BADANIE STOSOWANIA
METODY ZARZĄDZANIA PROJEKTAMI
W MAŁYCH I ŚREDNICH PRZEDSIĘBIORSTWACH
DLA PRZYGOTOWANIA PRODUKCJI NOWEGO WYROBU**

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Summary

Temporary conditions for business activity of small and medium companies are client-oriented, competitive, and are characterized by the diminishing predictability of the surrounding activity as well as increasing importance of risk. Therefore, one of the determiners of functioning and development of such companies is the introduction into the market a new, good quality product in properly short time and also it is important to provide economical effectiveness of its production and limit the risk. The fulfillment of these conditions is connected with the efficient and effective production preparation of the new product. Production preparation is quality, time, costs and risk-oriented so it is justifiable to support it with a project management method.

Study of literature allows to say that, although many works have been devoted to questions connected with production preparation and project management, none of them refers to the possibility of using the project management method during the production preparation of a new product in small and medium companies. Initial research carried out on a group of 12 small and medium production companies in the Silesian Province shows that there is a need of cognitive knowledge as well as further research aiming at the following goals:

- determining the structure of production preparation for a new product in small and medium companies,
- determining the conditions of using the project management method in production preparation of a new product in small and medium companies,
- working out a model of project management in production preparation of a new product in small and medium companies,
- working out recommendations concerning using the model of project management in production preparation of a new product in small and medium companies.

In order to achieve these goals, the dissertation includes studies and considerations, using the following research methods: study of literature, survey, statistic analysis, free directive interview, questionnaire interview, observation, process mapping. They allowed to achieve these goals and proved the thesis of the dissertation, which is the following:

Working out and use of a project management model in production preparation of a new product in small and medium companies imply:

- the increase of effectiveness of reaching the goals
- limiting the time of production preparation of a new product,
- rational use of resources,
- limiting the risk of failure.

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