

ABSTRACT

Topic importance. Innovation activity is more than other activities associated with risk. Avoidance of risks is completely impossible in innovation, as innovation and risk – two related categories. In this regard, it is necessary to find the most effective method of risk management.

The results of the research, conducted in the work are part of the scientific theme: "Innovative principles of industrial enterprises development in integration within the world economy», №0114U001132 – contribution of the author is in underlining risk management methodology based on innovative approach and its implementation in the enterprise.

Objective is to create and implement effective risk management system innovation for an IT enterprise.

Objectives of the study:

- to examine the existing theoretical and methodological foundations of risk management innovation company;
- to conduct qualitative and quantitative risk assessment and determine their impact on the project;
- to develop a method to minimize risks for innovative enterprises;
- to prove the feasibility of «Agile» techniques in the IT field and predict the possible outcome of its application.

The object of study – the innovation process in an enterprise.

Subject of research – theoretical, methodological, practical aspects of the analysis and risk management in the implementation of innovative activities of enterprises.

Research methods. To address the problems in the implementation of the thesis the following methods was used: a method of peer reviews; Monte Carlo method; abstract and logical; graphic, systematization and generalization; observation; tabular and graphical methods of presenting information.

The scientific novelty of this work is in clarifying and processing «Agile» risk management techniques.

The practical significance is that the suggested technique of risk management is brought to the level of practical recommendations and allows to avoid risks or minimize them in a short period, and improve the quality of risk management.

Practical importance is the method of risk management in IT projects aimed to strengthen the management system, which can be adapted to the operation of any enterprise in IT area. Implementation Act number 1138 from 12.22.2015 year.

The theoretical and practical results of the study appear in national publications and collections of scientific works:

1) Kravchenko MO The impact of risks on innovation in the IT field [Electronic Edition] / MO Kravchenko, NG Paschyna // Proceedings of the International scientific internet-conference "Prospects for a strong economy for modern Ukraine." - Section: Investment and innovation processes in the economy. – Ternopil, 01 December 2015. – Access Address: <http://www.economy-confer.com.ua/full-article/1921/> (0,24 pp);

2) NG Paschyna The system market risks and methods of their determination in the enterprise [Text] / NG Paschyna, LM Shulgin // Proceedings of the participants of the VI All-Ukrainian. scientific conference with international participation "Modern approaches to business management." – K .: NTU "KPI", 2015. – P. 471 – 476 (0.34 pp).

Keywords: *innovative enterprise, innovation, risk, risk management, risk management, methods of risk management.*