

IGOR E. MIZIKOVSKY

University	The National Research State University of Nizhny Novgorod named after N.I. Lobachevsky
Level of English proficiency	Upper-intermediate
Educational program and field of the educational program for which the applicant will be accepted	5.2. Economics 5.2.3. Regional and sectoral economics; program: "Accounting, analysis, audit and economic statistics"
List of research projects of the potential supervisor (participation/leadership)	<p>"Methodology for monitoring, diagnosing, economic and legal assessment and forecasting of risks of organization resource consumption using mathematical methods and artificial intelligence";</p> <p>"Accounting, planning and calculation of production costs in the context of a lean manufacturing system";</p> <p>"Accounting and analysis of process waste in the value stream of an industrial enterprise";</p> <p>"Problems of ensuring socio-economic security in the course of developing state strategic planning (jointly with the Institute of Economics of the Russian Academy of Sciences)";</p> <p>"Formation of a set of tools aimed at effectively combating theft and damage to material resources at industrial enterprises";</p> <p>"Research and development of methods for improving the efficiency of the information and tool space of the accounting and monitoring function of enterprise management in the context of digital business transformation"</p>
List of the topics offered for the prospective scientific research	<ol style="list-style-type: none"> 1. Activity-based costing methodology (ABC) 2. Method of studying the dynamics of costs (explicit cost dynamics) 3. Time-Driven Activity-Based Costing (TD ABC) method in the management accounting system of an industrial enterprise 4. Accounting and analysis of the movement of material resources in an industrial enterprise 5. Standard-costing method and calculation of the cost of products (works, services) of an industrial enterprise 6. Marginal cost accounting method (direct costs) 7. Budgeting (budgeting) of the economic activity of an enterprise 8. Cost accounting by responsibility centers of an industrial enterprise 9. Cost reduction methods in the lean manufacturing system
	Regional and sectoral economics
	Supervisor's research interests - development of algorithms for forecasting the risks of organization resource consumption using mathematical methods and artificial intelligence;



Honorary Worker of Science and High Technologies of the Russian Federation

Supervisor:

Igor E. Mizikovsky,
Doctor of Economics , Professor
(Lobachevsky State University of
Nizhny Novgorod)

- methodology for monitoring and diagnosing resource consumption of an industrial enterprise in accordance with economic, technological, social and environmental requirements for sustainable development and resource conservation;
- a set of developments in the field of modern accounting systems, including the substantiation of factors of economic growth of industrial enterprises;
- modeling of approaches to the formation of management accounting systems at industrial enterprises, including the structuring of proactive monitoring;
- methodology of cost management of an industrial enterprise (targeted approach);
- instrumentalization of management accounting in the context of digital transformation of the economy;
- development of accounting of commercial enterprises;
- formation of information and instrumental space for the development of a strategy to reduce production losses of industrial enterprises;
- methods of distribution of indirect costs of an industrial enterprise;
- optimization of costs in the context of lean production;
- accounting of changes in the norms of consumption of material resources in the value creation flow of an industrial enterprise

Research highlights

Long-term projects on a government assignment; participation in grant competitions; developed material and technical base (computer laboratory of the accounting department); partner network consisting of leading enterprises in the region that are potential objects of research; access to electronic educational platforms; leading accountants with extensive experience in practical and research work, individual approach to students.

Supervisor's specific requirements:

Desire to gain new knowledge and engage in interesting, creative work

Supervisor's main publications - 12 articles and chapters of monographs (books), of which the most significant (in English):

1. Corporate Environmental Responsibility of Aviation Industry Enterprises. In: Popkova, E.G. (eds) Sustainable Development of Business 4.0.

Mizikovsky, I.E, Krasovsky, V.V., Egorova, A.O., , Tsatryan, L.R., Tsymbalov, S.D. (2025). Advances in Science, Technology & Innovation. Springer, Cham. https://doi.org/10.1007/978-3-031-83595-7_31 2025, c. 185–190

2. Engineering enterprise cost management policy in a developing real economy

[Mizikovsky, I.E.](#), [Lapaev, D.N.](#), [Kornilov, D.A.](#), [Yashin, S.N.](#), [Kuznetsov, V.P.](#)

International Journal of Economic Policy in Emerging Economies, 2024, 19(3-4), c. 285–295

3. Formation and development of digital marketing in a business environment

	<p>Morozova, G.A., Mizikovsky, I.E., Kornilova, E.V., Trifonova, E.Y., Kuznetsova, S.N. <i>International Journal of Economic Policy in Emerging Economies</i>, 2024, 19(3-4), с. 248–258</p> <p>4. Ranking the risks of drawing up the state budget in Iraq for the period from 2003 to 2021 Qllam, A.R.A., Mizikovsky, I.E. <i>Periodicals of Engineering and Natural Sciences</i>, 2023, 11(6), с. 93–104</p> <p>Conference Paper • <i>Открытый доступ</i></p> <p>5. Economic cycles and the labor market: opportunities of using crises in the leading indicators system Ziankova, L., Zakharova, S., Mizikovsky, I., ... Mazin, A., Ivanova, N. <i>E3S Web of Conferences</i>, 2023, 380, 01040</p>
	<p>Results of intellectual activity</p> <p>-</p>