

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **MIKULINA MARYNA**
Address(es) H. Kondratiieva Str., 158/4, apt. 70, 40021, Sumy, Ukraine
Telephone(s) +38 (0542) 62-78-34 **Mobile:** + 38 095 612 2606
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E-mail maryna.mikulina@snau.edu.ua
 marinamikulina1@ukr.net
Nationality Ukrainian
Date of birth 07.01.1978
Gender Female

Current employment / Occupational field **Assistant professor Operation technics Department, Faculty of Engineering-technological, Sumy National Agrarian University**

Work experience

Dates 09.2004 till now
Occupation or position held Senior Lecturer (09.2004 – 09.2009);
 Assistant professor (09.2009 – 08.2018) at the Economics and management Faculty
 Assistant professor (09.2018 – till now) at the Engineering-technological Faculty
Main activities and responsibilities Teaching and research activities in the field of agricultural engineering and transport technologies in road transport
Name and address of employer Sumy National Agrarian University, 160 H.Kondratiieva Str., Sumy, 40021, Ukraine
Type of business or sector Higher Educational Institution (Agricultural Sector)

Education and training

Dates 09.2016-02.2018
Title of qualification awarded Master of Agricultural and Mechanical Engineering
Principal subjects/occupational skills covered Mechanical engineer
Name and type of organisation providing education and training Sumy Agricultural Institute (meanwhile Sumy National Agrarian University), Ukraine
Level in national or international classification Dipl. Ing. (University)

Dates 11.2001 – 11.2004
 Title of qualification awarded Candidate in Economic Sciences
 Principal subjects/occupational skills covered Financial security of agricultural formations development
 Name and type of organisation providing education and training Sumy State Institute (meanwhile Sumy National Agrarian University)
 Level in national or international classification PhD in Economic Sciences

Dates 09.1996-06.2001
 Title of qualification awarded Master of Economics
 Principal subjects/occupational skills covered Agricultural Mechanization
 Name and type of organisation providing education and training Sumy State Institute (meanwhile Sumy National Agrarian University), Ukraine
 Level in national or international classification Dipl. Economics. (University)

Personal skills and competences

Reliability, loyalty, sociability, energy, purposefulness

Mother tongue(s) **Ukrainian**

Other language(s) **English**

Self-assessment

European level ()*

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Basic User	B2	Basic User	B2	Basic User	B2	Basic User	B2	Basic User

Social skills and competences

I can and I am used to work in the team. I'm energetic and enthusiastic about the work I start.

Organisational skills and competences

I was responsible for the organization of various workshops, conferences on the engineering-technological faculty.

Computer skills and competences

Competent with the most Microsoft Office programmes

Driving licence

Category B (car)

Additional information:

Scientific Research Topic and Publications

Main field of scientific interests are:

- analytical studies of technical and operational performance machine aggregates;
- analytical studies of kinematic parameters technical means;
- methods influence of turning contours on technical and operational indicators use of the combine harvester;
- economic diagnostics of agricultural enterprises;
- the essence economic security of agricultural formations;
- modeling the change in demand for transport services in the field of road transport.

Internet links to NPP profiles:

ORCID - <https://orcid.org/0000-0002-6918-5192>;
 Scopus ID – 57215001313;
 Web of Science ID - W-6817-2018;
 Google Scholar - <https://scholar.google.com/citations?user=EguPPu4AAAAJ&hl=uk>;
 Corporate E-mail address - maryna.mikulina@snau.edu.ua.

The most recent publications are:

1. Mikulina, M.O. Providing Financial Stability of the Enterprise / M.O. Mikulina. // *Visnyk KhNUU. Series "Economic Sciences"*. №4, 2011- pp. 173-181;
2. Mikulina M.O. Ways to increase the competitiveness of Ukraine on the basis of the Visegrad experience / Rubina L.O., Samoshkina I.D., Mikulina M.O. // *International humanitarian university department of management. Collective monograph under the editorship of T. Derkach, Doctor of Economic Sciences, Associate Professor. Riga, Latvia 2017 - P. 190-203.*
3. Mikulina M.O. Analytical study of technical and operational indices of arable aggregates / GI Barabash, Mikulina M.O. // *Bulletin of the Sumy National Agrarian University, series "Mechanization and automation of production processes"*. - 2018
4. Mikulina M.O. Analytical study of techno-economic indices of arable aggregates / Mikulina M.O. // *Visnyk of Sumy National Agrarian University, series "Mechanization and automation of production processes"*. – 2018
5. Mikulina M.O. Methodical and economic approaches to determining the fuel consumption of vehicles during the transportation of grain from combine harvesters / GI Barabash, Mikulina MO // *Bulletin of the Sumy National Agrarian University, series "Mechanization and automation of production processes"*. – 2021 - P. 13-16
6. Mikulina M.O. Research of the need to improve the technological processes of buckwheat harvesting / Mikulina M.O., Polyvanyi A. D. // *Bulletin of the Sumy National Agrarian University, series "Mechanization and automation of production processes"*. – 2021 – P. 28-33.
7. Mikulina M.O. Using different approaches to solving logistics problem / Starikov A. I., Solarov O.O., Tarelnik N.V. and Tatsenko O.V. *Visnyk of Vinnytsia Polytechnical Institute* – 2021, no. 4, pp. 85–91.
8. O. P. Gaponova, V. B. Tarelnyk, V. S. Martsynkovskyy, Ye. V. Konoplianchenko, V. I. Melnyk, V. M. Vlasovets, G. V. Kirik, N. V. Tarelnyk, **M. O. Mikulina**, A. A. Kutakh, A. D. Polyvanyi, M. M. Mayfat, and A. N. Kalnaguz, Combined Electrospark Running-in Coatings of Bronze Parts. Part 3. Tribological Properties, *Metallofiz. Noveishie Tekhnol.*, 43, No. 10: 1325—1334 (2021);
9. V. B. Tarelnyk, V. B. Loboda, E. V. Konoplyanchenko, V. S. Martsynkovskii, Yu. I. Semirnenko, N. V. Tarelnyk, **M. A. Mikulina** & B. A. Sarzhanov. Improving Ecological Safety when Forming Wear-Resistant Coatings on the Surfaces of Rotation Body Parts of 12Kh18N10T Steel Using a Combined Technology Based on Electrospark Alloying. *Surf. Engin. Appl. Electrochem.* 57, 173–184 (2021). <https://doi.org/10.3103/S1068375521020113>;
10. O. P. Gaponova, V. B. Tarelnyk, V. S. Martsynkovskyy, Ye. V. Konoplianchenko, V. I. Melnyk, V. M. Vlasovets, O. A. Sarzhanov, N. V. Tarelnyk, **M. O. Mikulina**, A. D. Polyvanyi, G. V. Kirik, and A. B. Batalova, Combined Electrospark Running-in Coatings of Bronze Parts. Part 1. Structure and Mechanical Properties, *Metallofiz. Noveishie Tekhnol.*, 43, No. 8: 1121—1138 (2021);
11. Tarelnyk V., Dumanchuk M., Martsynkovskyy V., **Mikulina M.**, Smolyarov G., Semernya O. Increasing fretting resistance of flexible element pack for rotary machine flexible coupling Part 12. The influence of coupled shafts misalignment on flexible coupling flexible elements stress-strain state. *Journal of Physics: Conference Series*, 2021, 1741(1), 012049. ISSN: 17426588. DOI: 10.1088/1742-6596/1741/1/012049;
13. Konoplianchenko I., Tarelnyk V., Martsynkovskyy V., Gaponova O., Lazarenko A., Sarzhanov A., **Mikulina M.**, Zhengchuan Z., Pirogov V. New technology for restoring Babbitt coatings. *Journal of Physics: Conference Series*, 2021, 1741(1), 012040. ISSN: 17426588. DOI: 10.1088/1742-6596/1741/1/012040;
14. M.S. Storozhenko, O.P. Umanskyi, V.B. Tarelnyk, O.Yu. Koval, Yu.V. Gubin, **M.O. Mikulina**, I.S. Martsenyuk, O.D. Kostenko & T.V. Kurinna. Structure and Wear Resistance of FeNiCrBSiC–MeB2 Electrospark Coatings. *Powder Metall Met Ceram* 59, 330–341 (2020). <https://doi.org/10.1007/s11106-020-00166-1>;
15. V. B. Tarelnyk, O. P. Gaponova, G. V. Kirik, Ye. V. Konoplianchenko, N. V. Tarelnyk, and **M. O. Mikulina**, Cementation of Steel Details by Electrospark Alloying, *Metallofiz. Noveishie Tekhnol.*, 42, No. 5: 655—667 (2020). <https://doi.org/10.15407/mfint.42.05.0655>.
16. Martsynkovskyy V., Tarelnyk V., Konoplianchenko I., Gaponova O., Antoszewski B., Kundera Cz., Dyadyura K., Tarelnyk N., Sarzhanov B., **Mikulina M.**, Gapon O., Semernya O. (2020) New process for forming multicomponent wear-resistant nanostructures by electrospark alloying method. In: Pogrebnjak A., Bondar O. (eds) *Microstructure and Properties of Micro- and Nanoscale Materials, Films, and Coatings (NAP 2019)*. Springer Proceedings in Physics, Chapter 13, vol 240. Springer, Singapore, pp 135-149. https://doi.org/10.1007/978-981-15-1742-6_13.

