


**APPROVED**

Deputy Chairman of the  
Organizing Committee

  
Dmytro BABENKO  
May 17, 2024

**Rating of research project submitted to the International Student Professional Creative Competition  
“Agricultural Sciences and Food” in agronomy (I round II stage)**

No	IHE, country	Work title	Authors	Academic advisor(s)	GPA
1	2	3	4	5	6
1	Mykolaiv National Agrarian University, Ukraine	The influence of herbicides and sowing methods on the productivity of chickpea in the Southern Step of Ukraine	Shelinker Anatolii	Koloianidi Nadia	94,0
2	National University of Life and Environmental Sciences of Ukraine, Ukraine; University of Arkansas, Global UGRAD World Learning Scholarship, United States of America	Activation of winter canola seed by pre-sowing treatment	Solomukha Oleksandr, Nezgoduk Anatolii	Kalenska Svitlana	93,0
3	State Biotechnology University, Ukraine	Performance of grain sorghum hybrids depending on fertilizer formulations and doses in the Eastern Forest-Steppe of Ukraine	Sviridov Serhii, Yatsenko Oleksandra	Rozhkov Artur, Sviridova Lyudmila	92,5
4	Mykolaiv National Agrarian University, Ukraine	Productivity of green mass of sugar sorghum depending on different varieties in the conditions of the South of Ukraine	Martynenko Serhii, Bila Valeriya	Fedorchuk Valentyna	92,5
5	Uman National University of Horticulture, Ukraine; University of Łódź, Poland	Innovative aspects of growing winter wheat varieties Letanivka and Ilias in the private enterprise "Yavir K", Golovanivskyi district, Kyrovohrad region	Burkhanov Volodymyr, Ostroumov Artem	Tretiakova Svitlana Oleksiivna, Staszenko-Chojnacka Dominika	89,5
6	Sumy National Agrarian University, Ukraine	Study of the influence of biofertilizers on the productivity of corn for grain in the conditions of the Sumy region	Yemets Vasyl	Bakumenko Olha, Datsko Oksana	86,5

<b>№</b>	<b>Institution of higher education, country</b>	<b>Title of work</b>	<b>Author (s)</b>	<b>Supervisor (s)</b>	<b>Average score</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
6.	Vinnitsia National Agrarian University (Ukraine)	Development and research of the technological process wood shredder by a mobile unit	Andriy Dyachenko	Olena Trukhanska	93
7.	Mykolayiv National Agrarian University (Ukraine)	Main pump drive using electromagnetic bearings	Oleksandr Khasachikh Artem Petrov	Oleksii Sadovy Ruslan Churylo	92,5
8.	National University of Civil Defence of Ukraine (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Modernization of the constructive solution of the vegetable and melon seed separator	Alieksieiev Oleksiy Ivan Osmiatkin	Evgeniy Rybka Nataliia Dotsenko	92,5
9.	Poltava State Agrarian University (Ukraine)	Improvement of the technology of the processing of flowering cultures	Stanislav Frolov Vadim Shchypochka	Oleksandr Gorbenko	92,5
10.	Lviv National Environmental University (Ukraine)	Study of comfort and safety values of passenger seats in city buses	Nazarii Levko Vitaly-Petro Shurak	Ruslan Humeniuk Vitaly Vlasovets	92
11.	Sumy National Agrarian University (Ukraine)	Justification of the root vegetable cleaner	Mikola Ponomarov Andrij Zaplusvicka	Irina Ribenko	90
12.	National Technical University «Kharkiv Polytechnic Institute» (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Development of a mini thermal power plant based on a dual-fuel diesel engine	Pavlo Zubchenko Dmytro Zhigulin	Mykola Kundenko Oleksandr Lymar	87,5
13.	National University of Civil Defence of Ukraine (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Improvement of the technological process of production of sour milk cheese with the implementation of a modernized design of the device for fermentation	Angelina Liashenko Vladislav Zayarniy	Tiurina Dina Olena Gorbenko	87

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14.	Dmytro Motorny Tavria State Agrotechnological University (Ukraine) Kremenchuk Mykhailo Ostrohradskyi National University (Ukraine)	Improving the controllability of wheeled MTA by using adaptive steering	Oleksii Yehorov Oleksandr Kuzmin	Andrii Bondar Oleksandr Somka	86
15.	Separate department of the National university of bioresources and nature management of Ukraine "Nizhyn agrotechnical institute" (Ukraine)	Improvement of the transportation process during the transportation of water in the conditions of the enterprise "Aquabalance"	Elizaveta Sergunina Ruslan Kostyuk	Ilhom Makhmudov	85
16.	Kharkov National Automobile and Highway University (Ukraine)	An alternative method for evaluating the concordance of test results agricultural machinery	Julia Kotova Karyna Surzhko	Andrii Korobko Vitalii Shein	84,5
17.	Poltava State Agrarian University (Ukraine) Uniwersytet Opolski (Poland)	Grain drying technology using alternative energy sources	Samson Kolotiy Andzrej Czernychowski	Taras Lapenko Hryhorii Lapenko	84,5
18.	Kremenchuk Mykhailo Ostrohradskyi National University (Ukraine)	Hybrid electrical supply system of the automatic controller of the heat point of the greenhouse complex with local subsystems for control of microclimate parameters	Viktor Hladkyi Oleh Levchenko	Serhii Yakymets Viktoriiia Nozhenko	82,5
19.	Państwowa Wyższa Szkoła Zawodowa w Chełmie (Poland) National University of Water and Environmental Engineering (Ukraine)	Development of a machine for combating tall weeds	Oleksandra Piotrkevich Sofia Davydiuk	Jacek Cymerman Oleh Bundza	82,5
20.	Mykolayiv National Agrarian University (Ukraine)	Increasing the operational characteristics of machine parts	Maxim Shulgin Maksym Kocherzhenko	Olena Baranova Serhiy Stepanov	79,5

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21.	Dniprovsky State Technical University (Ukraine)	Synthesis of a positional electric drive quasi-optimal in speed under conditions of load torque uncertainty	Denis Patinka Yury Zhidko	Oleksandr Derets	78,5
22.	Central Ukrainian National Technical University (Ukraine)	Justification of the parameters of the coulter for direct sowing	Bohdan Bilostotskyi Andrii Vovchyk	Olena Luzan	78,5
23.	Admiral Makarov National University of Shipbuilding (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Increasing the economic efficiency of the tractor engine using fuel saturation with hydrogen.	Artem Shatailov Bohdan Chuprina	Denis Shalapko Irina Sukovitsina	78,5
24.	Mykolayiv National Agrarian University (Ukraine)	Development and analysis of design parameters of tools for surface tillage of the rotary type	Victoria Rusavska Oleh Tyma	Vasyl Hruban	77,5
25.	Sumy State University (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Increase of the technological parameters of the planetary machine for separation of eggplant seeds	Shulga Vladyslav Dmytro Mehes	Vitalii Ivanov Gennady Ivanov	76,5
26.	Kharkov National Automobile and Highway University (Ukraine)	Structure and properties of chrome coatings, which are formed by ion plasma spraying	Artem Matronenko Savon Stanislav	Diana Hlushkova	76
27.	SHEI «Pryazovskyi State Technical University» (Ukraine)	Development of a stand for debugging control systems through cellular communication	Maksym Kovalchuk Dmytro Markov	Olga Savenko	73,5

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28.	O.M. Beketov National University of Urban Economy in Kharkiv (Ukraine)	Study of the influence of the geometry of the active part of an induction motor on the harmonic composition of induction in the air gap	Oleksandr Senenko Tetyana Trokhymets	Oleksiy Iegorov	72,5
29.	Kremenchuk Mykhailo Ostrohradskyi National University (Ukraine) Central Ukrainian National Technical University (Ukraine)	Ensuring energy efficiency building structures and their engineering systems	Vitalii Hnoiovyi Iryna Ptashnyk	Viacheslav Prus Kateryna Petrova	72,5
30.	Robert Elvorti Economics And Technology Institute (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Overview of modern robotic complexes in the agricultural industry	Vladyslav Shtym Anastasia Teleshchak	Tetiana Makrukha Antonina Galeeva	72,5
31.	National University of Life and Environmental Science of Ukraine (Ukraine)	Increasing the technological reliability and precision of seed sowing with a pneumatic mechanical sowing device equipped with a backup dispenser	Vladyslav Sosnov Yevhen Onufran	Oleksandr Bannyi Olena Yoldych	72
32.	Dmytro Motorny Tavria State Agrotechnological University (Ukraine)	Development of a model for the development of small forms of quail breeding	Artur Starychenko Trokhym Zorba	Boris Boltianskyi Larysa Boltianska	72
33.	Kyiv National University of Construction and Architecture (Ukraine) Kremenchuk Mykhailo Ostrohradskyi National University (Ukraine)	Study of the peculiarities of the technological process of processing fruit raw materials with justification of the choice of complete equipment	Illia Petrusha Anastasiia Pryhodko	Maksym Delembovskyi Viacheslav Prus	72



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34.	Kremenchuk Mykhailo Ostrohradskyi National University (Ukraine)	Energy control and energy-efficient management of electric machines	Matvii Ivanchenko Vadym Mozgovyi	Viacheslav Prus Andrii Gladyr	71,5
35.	Admiral Makarov National University of Shipbuilding (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Research on the application of an electrohydraulic nozzle to the operation of a tractor internal combustion engine	Anna Shalapko Volodymyr Golubev	Natalya Andreeva Vitaly Mardzyavko	70
36.	Kharkov National Automobile and Highway University (Ukraine)	Improving the quality of welded joints from aluminum - magnesium alloys when welding in inert gases	Anhelynа Shpenovych Viktoriiа Shpenovych	Valerii Bahrov Diana Hlushkova	69,5
37.	Admiral Makarov National University of Shipbuilding (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Increasing the operational properties of agricultural machinery	Anna Galai Yevgeny Bykov	Oleg Savenkov Ihor Sydoryka	69,5
38.	State Biotechnological University (Ukraine)	Innovative method of research of dynamic parameters of mobile machines	Karina Marchenko Klymenko Mykola	Nikolay Artiomov Ivan Halych	69
39.	Central Ukrainian National Technical University (Ukraine)	Justification of the parameters of the working bodies of bionic-type deep loosening agents	Mykhailo Vasilkovskyyi Artem Pereshein	Serhii Leshchenko	69
40.	Mykolayiv National Agrarian University (Ukraine)	Development of an energy system for agricultural work taking into account the energy characteristics of the traction electric motor	Evgeny Pryadko Volodymyr Mazur	Andriy Stavynskyyi Dmytro Koshkin	68,5

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41.	Kremenchuk Mykhailo Ostrohradskyi National University (Ukraine)	Study of vibrations in the operation of an electric asynchronous machine	Mykola Petrov Serhiy Germanyuk	Oleksii Bialobrzheskyi	68,5
42.	Polissia National University (Ukraine)	Improving the reliability of tillage machines operational units	Mykola Pylypovych	Kostiantyn Borak Volodymyr Kulykivskyi	68,5
43.	Admiral Makarov National University of Shipbuilding (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Research of methods of restoration of crankshafts of agricultural automobile machinery	Maxim Hrynysheh Nikita Ibrahimov	Andrii Andreev Mykyta Khramov	67
44.	Odessa State Agrarian University (Ukraine)	Technologies for obtaining biogas and organo-mineral fertilizers using livestock waste	Mykhailo Yurkovsky Vitaly Ragnev	Ihor Dudarev Serhiy Uminsky	66,5
45.	National Technical University «Kharkiv Polytechnic Institute» (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Study of technological processes in biogas installations	Maksym Borodai Oleksiy Trofymyshyn	Mykola Kundenko Aleksey Sadovoy	65,5
46.	Volodymyr Dahl East Ukrainian National University (Ukraine)	Analysis of technical equipment for application of mineral fertilizers and grounding of the elements of the feeding transporter of the body machine	Viktor Ishchenko Stanislav Baydachenko	Hryhorii Fesenko Viacheslav Kurlov	65,5
47.	National University of Civil Defence of Ukraine (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Mathematical methods for measuring the areas of agricultural land polygons	Zareckiy Vladyslav Andriy Lashchenko	Otrosh Yuriy Serhiy Bohdanov	65

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48.	Higher School of Security and Economics (Bulgaria) Mykolayiv National Agrarian University (Ukraine)	Determination of the optimal parameters of the geometry of the core electromagnetic system in the power electrical device	Margarita Mollova Serhii Fuchenko	Igor Britchenko Larisa Vakhonina	63
49.	Higher School of Security and Economics (Bulgaria) Mykolayiv National Agrarian University (Ukraine)	Research and development of the technology of restoration with a dimensional composite coating based on chromium in order to increase the durability of hydraulic cylinders.	Iva Bangova Mykhailo Bryzgalov	Igor Britchenko Dmytro Marchenko	61,5
50.	Lutsk National Technical University (Ukraine)	Development of a tool for granulation of spropel fertilizers and research of mechanical properties of granules	Bohdan Pastushok Volodymyr Saneliuk	Serhii Khomych	61,5
51.	Mykolayiv National Agrarian University (Ukraine)	Electronic journal of registration, passing of safety briefings and attendance records of students majoring in agricultural engineering during industrial practice	Mykola Ignatenko Ruslan Dybovskyi	Pavlo Malchenko Pavlo Polyansky	61
52.	O.M. Beketov National University of Urban Economy in Kharkiv (Ukraine)	Features of operation of rural single-phase low voltage networks	Oleksandr Lipych Evgeny Selyukov	Oleksiy Iegorov	58
53.	Vynnytsia National Agrarian University (Ukraine)	Increasing the efficiency of the use of unmanned aerial vehicles for spraying	Vladyslav Hryshchenyuk Oleksandr Hryhorenko	Oleksandr Kholodiuk	57,5



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54.	National University of Life and Environmental Science of Ukraine (Ukraine)	Ensuring the reliability of hydraulic distributors' housing during repair	Yevhenii Kukharenko Illia Ilin	Andrii Novytskyi Valentyna Melnyk	56
55.	National Technical University «Kharkiv Polytechnic Institute» (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Energy-efficient greenhouse without natural light	Pavlo Vysochin Ihor Mashkin	Olga Iegorova Aleksey Sadovoy	56
56.	Balti State University Named After Alec Russo (Moldova) Kharkov National Automobile and Highway University (Ukraine)	A new method of increasing the lifetime of relevant parts of the hydraulic hammer	Vadim Honchariuk Oleksandr Lagoda	Vasyl Sharagov Diana Hlushkova	56
57.	National University of Life and Environmental Science of Ukraine (Ukraine)	Pneumomechanical sowing device	Yurii Baliuk Iryna Khodiuk	Pavlo Popyk Ruslan Kulpin	55,5
58.	Ukrainian Engineering Pedagogics Academy (Ukraine) Jiangsu Ocean University (China)	Optimization of electricity supply using solar panels: modeling and analysis	Oleksandr Lukyanenko Zekun Yang	Pavlo Budanov Ivan Bilyuk	55,5
59.	Separated structural subdivision «Nemishaevo Professional College of NUBiP of Ukraine» (Ukraine) National University of Life and Environmental Science of Ukraine (Ukraine)	Study of the performance of mower segments and improvement of their restoration technology	Bohdan Maistrenko Oleksii Makarenko	Serhii Chaliienko Yulii Revenko	55,5
60.	Qingdao University (China) State Biotechnological University (Ukraine)	Increasing the stability of tractor movement by developing an automatic control system	Li Haoran Mykyta Chyhyr	Yu Zheng Viktor Kis	55
61.	Akademia WSB w Dąbrowie Górniczej (Poland)	Optimization of the hydraulic system of a general-purpose tractor	Ikromov Doniyor	Yurii Vitkovskyyi	55

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	Admiral Makarov National University of Shipbuilding (Ukraine)		Vitaly Nasulich	Anatoly Nadtochy	
62.	Central Ukrainian National Technical University (Ukraine)	Study of aspiration of a grain cleaning machine	Dmytro Oleksiienko Maksym Sheremet	Oleksii Vasytkovskyi	55
63.	Ukrainian Engineering Pedagogics Academy (Ukraine) Jiangsu Ocean University (China)	Optimization of electricity supply in agriculture based on innovative methods of modeling and management of substations	Daria Palval Jiabao Xu	Konstantin Brovko Ivan Bilyuk	55
64.	Ukrainian Engineering Pedagogics Academy (Ukraine) Jiangsu Ocean University (China)	The effect of damage to the surface of the solar battery on its performance indicators	Evgeny Losenko Heng Zhang	Ihor Kirisov Ivan Bilyuk	55
65.	State Biotechnological University (Ukraine)	Improvement of the process of production of shavings from sugar beets	Vladyslav Hrynenko Anna Voloshyna	Iryna Fabrychnikova Viktor Kis	54,5
66.	ISMA University of Applied Sciences (Latvia) Admiral Makarov National University of Shipbuilding (Ukraine)	Analysis of the technology and development of technological recommendations for the process of plasma spraying using electropulse action	Yevhen Holovko Margarita Ryzhenko	Elena Chaiko Maksym Bobrov	54,5
67.	National Technical University «Kharkiv Polytechnic Institute» (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Analysis of energy efficiency of the use of automated control systems with combined lighting	Yuriy Vyazovichenko Anatoly Rotaru	Iryna Shynkarenko Pavlo Polyansky	54,5

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68.	National University "Zaporizhzhia Polytechnic" (Ukraine)	Optimizing the energy efficiency of a grain dryer	Vitaly Lepetenko Yehor Efimenko	Mykhaylo Frolov Lyubov Ogluzdina	54,5
69.	Batumi Navigation Teaching University (Georgia)	Justification of the choice of design and modes of operation of the grinding module of the machine for grinding and rubbing tomatoes	Gorgoshadze Zurab Kabak Dmitry	Gela Mamuladze	54
70.	Lviv National Environmental University (Ukraine)	Research of parameters of plants chemical protection by self-propelled sprayers	Oleh Shtuler Yurii Tymofii	Ivan Horodetskyy Vasyk Tymochko	54
71.	State Biotechnological University (Ukraine)	Improving the efficiency of agricultural machinery by controlling the wheel radius	Pavlo Leshchenko Viktor Malyi	Roman Antoshchenkov Halyna Cherevatenko	54
72.	Akademia WSB w Dąbrowie Górniczej (Poland) Admiral Makarov National University of Shipbuilding (Ukraine)	Research on improving the characteristics of the use of alternative fuels with the addition of ethanol in tractor internal combustion engines	Vitkovskiy Maksymilian Denis Cheberyak	Yurii Vitkovskiy Victoria Khomenko	54
73.	Central Ukrainian National Technical University (Ukraine)	Improving the design of a two-section feed mixer	Vladislav Melnyk Ihor Semchenko	Ruslan Kisilov	54
74.	Ukrainian Engineering Pedagogics Academy (Ukraine) Jiangsu Ocean University (China)	Semulation of energy conversion processes in elements of a solar power plant complex with gravity energy storage	Victoria Ruda Zijun Zang	Artem Chernyuk Ivan Bilyuk	54

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75.	University of Security Management in Košice (Slovakia) Mykolayiv National Agrarian University (Ukraine)	Development of the optimal logistics connection for an agricultural enterprise	Roman Sviatko Dmytro Saltanovsky	Igor Britchenko Valentina Dharmasyuk	54
76.	Separated structural subdivision «Nemishaevo Professional College of NUBiP of Ukraine» (Ukraine) National University of Life and Environmental Science of Ukraine (Ukraine)	Increasing the reliability of the segment-finger cutting device	Valerii Pohosian Vladyslav Maslovskyi	Petro Diachenko Oleksandr Bannyi	54
77.	State Biotechnological University (Ukraine)	Separation of buckwheat seed mixture on a vibrating seed cleaning machine	Denis Doroshko Stanislav Kalaida	Anatoly Mykhailov Anton Nikiforov	53,5
78.	Qingdao University (China) State Biotechnological University (Ukraine)	Increasing the accuracy of control of the machine-tractor unit	Si Yuan Oleksandr Tarabara	Yu Zheng Anton Nikiforov	53,5
79.	Qingdao University (China) State Biotechnological University (Ukraine)	Increasing the efficiency of agricultural units by developing a system for controlling the direction of movement	Yue Wang Bohdan Filimonov	Yu Zheng Volodymyr Lukyanenko	53,5
80.	Latvia University of Life Sciences and Technologies (Latvia) State Biotechnological University (Ukraine)	Increasing the traction performance of the tractor by improving the differential lock system	Buša Myron Khyzha	Baiba Rivza Halyna Cherevatenko	53,5
81.	Sumy National Agrarian University (Ukraine)	Justification of the process and unit for growing chicory	Dmitro Rabka Valerii Lapin	Farida Kharchenko	53,5

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82.	National University "Zaporizhzhia Polytechnic" (Ukraine)	Means of improving the energy-saving electric drive system for battery electric cars	Bohdan Rysanko Diana Artsybasheva	Lyubov Ogluzdina Anton Matyuhin	53,5
83.	Lutsk National Technical University (Ukraine)	Design of energy-saving drying technology of oily flax seeds	Antony Buchak Anastasia Kovalchuk	Ruslan Kirchuk	53,5
84.	Robert Elvorti Economics And Technology Institute (Ukraine)	Relevance and methods of combating corrosion in agriculture	Nina Pryzhybolska Serhiy Tsarenko	Tetiana Makrukha	53,5
85.	Vynnytsia National Agrarian University (Ukraine)	Development of a system for remote detection of explosive devices and pollution on agricultural land	Vladyslav Kavunov Nikita Khytruk	Oleksandr Kholodiuk	53
86.	Anhui University of Science and Technology (China) Sumy National Agrarian University (Ukraine)	Research on vibrating separators with an increased level of tracking control	Jiafei Pu Vitali Bortun	Zhang Zhengchuan Vladyslav Zubko	53
87.	Balti State University Named After Alec Russo (Moldova) Kharkov National Automobile and Highway University (Ukraine)	Increasing the load capacity of gears with a point system of engagement of involute teeth	Vadim Honchariuk Oleg Videnov	Vasyl Sharagov Diana Hlushkova	53
88.	Latvia University of Life Sciences and Technologies (Latvia) State Biotechnological University (Ukraine)	Organic fertilizers: the basis of a healthy and large harvest	Buša Oleksandr Karpenko	Baiba Rivza Oleksandr Romanashenko	52,5
89.	ISMA University of Applied Sciences (Latvia) Admiral Makarov National University of Shipbuilding (Ukraine)	Increasing the physical and mechanical properties of plasma powder heat-protective coatings with pre-recrystallization heat treatment	Dionisii Bielientsov Anna Halai	Elena Chaiko Oleg Savenkov	52,5

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90.	O.M. Beketov National University of Urban Economy in Kharkiv (Ukraine)	Analysis and evaluation of scientific and technical aspects in the design of induction motors powered from a single-phase network	Maxim Guzhva Oleksandr Ilyinskyi	Maryna Hlebova	52,5
91.	Batumi Shota Rustaveli State University (Georgia) Mykolayiv National Agrarian University (Ukraine)	Modernization of the design of the screw press for the processing of oil crops	Inaishvili Tinatin Valerij Homenko	Paata Aroshidze Nataliia Dotsenko	52,5
92.	National University of Water and Environmental Engineering (Ukraine)	Development of a technological device for vibration processing of bulk materials in containers	Bohdan Chornobai Ivan Shcherba	Olena Nalobina	52,5
93.	Poltava State Agrarian University (Ukraine)	Improvement of technological of anti-corrosion processing of the vehicle	Mykola Guzik Vasyl Yatsenko	Anton Kelemesh	52,5
94.	National University "Zaporizhzhia Polytechnic" (Ukraine)	Creation and optimization of solar collector and still design to ensure efficient hydrogen distillation process	Victoria Duboshyna Victoria Lebedeva	Sergey Tanchenko Sergey Tanchenko	52,5
95.	Lviv National Environmental University (Ukraine)	Study of peculiarities of traumatic and hazard situations during work on cattle farms	Ihor Tsiurpita Vasyl Slepak	Yaroslav Semen Ihor Mazur	52
96.	Lviv National Environmental University (Ukraine)	Management of energy-saving projects of agricultural crops harvesting	Kyryl Stakhii Illia Levkov	Andrii Sharybura Ruslan Humeniuk	52



<b>№</b>	<b>Institution of higher education, country</b>	<b>Title of work</b>	<b>Author (s)</b>	<b>Supervisor (s)</b>	<b>Average score</b>
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97.	National University of Water and Environmental Engineering (Ukraine)	Study of the parameters of an autonomous agricultural robot for work in the fields	Bohdan Tymchuk Marko Zameliuk	Mykola Golotyuk	52
98.	Lutsk National Technical University (Ukraine)	Research of positioning accuracy of machine-tractor units with navigation equipment	Ivan Kovala Pavlo Novosad	Vasyl Satsiuk	52
99.	Vinnitsia National Agrarian University (Ukraine)	Development of a device for cavitation treatment of biodiesel fuel	Larisa Sadkivska Denys Volinskiy	Vadim Ryaboshapka	52
100.	Separated structural subdivision «Nemishaevo Professional College of NUBiP of Ukraine» (Ukraine) National University of Life and Environmental Science of Ukraine (Ukraine)	Increasing the reliability of plate-type vacuum pumps	Yurii Tabachuk Vladyslav Soldatov	Serhii Smykovskiy Oleksandr Bannyi	52
101.	Akademia WSB w Dąbrowie Górniczej (Poland) Admiral Makarov National University of Shipbuilding (Ukraine)	Evaluation of grain cultivation methods against the background of the specifics of this agricultural enterprise	Baratova Zarina Olena Orlenko	Yurii Vitkovskiy Viktor Nadtochiy	51,5
102.	ISMA University of Applied Sciences (Latvia) Mykolayiv National Agrarian University (Ukraine)	Restoration and strengthening of parts of agricultural machinery with electrodeposited iron-boride coatings followed by cyanation	Oleksandr Moisei Oleksandr Pan	Elena Chaiko Dmytro Marchenko	51,5
103.	ISMA University of Applied Sciences (Latvia) Mykolayiv National Agrarian University (Ukraine)	Restoration of landing holes in body parts of agricultural machinery with a nanocomposite based on elastomer	Yevhen Holovko Igor Godunov	Elena Chaiko Dmytro Marchenko	51,5

<b>№</b>	<b>Institution of higher education, country</b>	<b>Title of work</b>	<b>Author (s)</b>	<b>Supervisor (s)</b>	<b>Average score</b>
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104.	Sumy National Agrarian University (Ukraine)	Improvement of the technological process of harvesting flax	Vitaliy Kursa Vitali Bortun	Vladyslav Zubko	51,5
105.	National University of Life and Environmental Science of Ukraine (Ukraine)	Study of the technical condition and improvement of the technology of restoration of turbocompressor parts	Oleksandr Ihlinskyi Oleksandr Bezkorovainyi	Ruslan Kulpin Pavlo Popyk	51,5
106.	National Technical University «Kharkiv Polytechnic Institute» (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Heliotropic radiation system	Yuriy Kapusta Yehor Shevchenko	Olga Iegorova Pavlo Polyansky	51,5
107.	University of Security Management in Košice (Slovakia) Mykolayiv National Agrarian University (Ukraine)	Research of electric drive control systems of cars and tractors	Katarína Uhaľová Maksym Bilyi	Igor Britchenko Andrii Stavynskyi	51,5
108.	Separated structural subdivision «Nemishaevo Professional College of NUBiP of Ukraine» (Ukraine) National University of Life and Environmental Science of Ukraine (Ukraine)	Study of the technical condition and increase of the resource of the parts of hydraulic cylinders	Vladyslav Kravchenia Anna Shchekalova	Volodymyr Kovalchuk Andrii Novytskyi	51,5
109.	Batumi Shota Rustaveli State University (Georgia) Mykolayiv National Agrarian University (Ukraine)	Justification of the technological parameters of the forage grain chopper	Phutkaradze Luka Oleg Krupoder	Gela Mamuladze Nataliia Dotsenko	51
110.	University of Security Management in Košice (Slovakia) Mykolayiv National Agrarian University (Ukraine)	Increasing wear resistance of parts of agricultural machinery by electrodiffusion treatment	Katarína Uhaľová Pavlo Kutsolabskyi	Igor Britchenko Dmytro Marchenko	51

<b>№</b>	<b>Institution of higher education, country</b>	<b>Title of work</b>	<b>Author (s)</b>	<b>Supervisor (s)</b>	<b>Average score</b>
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111.	Balti State University Named After Alec Russo (Moldova) Kharkov National Automobile and Highway University (Ukraine)	Corrosion resistance of products made of high-strength cast iron	Dmytro Mineskurte Artem Kryvenko	Vasyl Sharagov Nataliya Lalazarova	51
112.	Balti State University Named After Alec Russo (Moldova) Kharkov National Automobile and Highway University (Ukraine)	Increasing the physical, mechanical and operational properties of coatings using a modernized sprayer EM-14M	Dmytro Mineskurte Stanislav Konev	Vasyl Sharagov Diana Hlushkova	51
113.	Robert Elvorti Economics And Technology Institute (Ukraine)	Improvement of the mechanical properties of harvester knives	Serhiy Puchka Oleksiy Korneev	Tetiana Makrukha	51
114.	SHEI «Pryazovskyi State Technical University» (Ukraine)	Increasing economy and reducing harmful emissions of diesel when working on rope oil	Roman Yamkovyi Dmytro Orieshkin	Olga Savenko	50,5
115.	Admiral Makarov National University of Shipbuilding (Ukraine)	Increasing the efficiency of machine mechanisms of the agro-industrial complex by using sliding bearings	Davyd Bezhenutsa Timur Kukhta	Liliya Filipishyna	50,5
116.	National University "Zaporizhzhia Polytechnic" (Ukraine)	Study of the mechanical properties of gear shaft parts	Anastasia Yazinina Nikita Kozachenko	Oleksandr Yepishkin Anna Ben	50,5
117.	Robert Elvorti Economics And Technology Institute (Ukraine)	Actual methods of research of mechanical properties	Oleksandr Gudovich Dmytro Oleksenko	Tetiana Makrukha	50,5

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118.	SHEI «Pryazovskyi State Technical University» (Ukraine)	Increasing the efficiency of using soil tillage units when ballasting powerful wheel tractors	Maksym Prysedsnyi Volodymyr Dranga	Viktoriia Chorna	50
119.	National University of Water and Environmental Engineering (Ukraine)	Methods for assessing the reliability of truck cranes	Serhiy Borodiy Alina Pashchuk	Andrii Shymko	50
120.	International Academies of Applied Sciences in Łomża (Poland) Kharkov National Automobile and Highway University (Ukraine)	Improvement of the technological process of separation of oat seed mixtures <sup>1</sup>	Volodymyr Galas Kyrylo Pogrebnyak	Dariush Tomashevich Diana Hlushkova	50
121.	Jiangsu University of Science and Technology (China) Admiral Makarov National University of Shipbuilding (Ukraine)	Research on reducing the content of nitrogen oxides in tractor internal combustion engines due to the use of natural gas	Fan Xiaoya Oleksandr Mrachkovskyy	Liang Yu Chen Roman Avdyunin	49,5
122.	Jiangsu University of Science and Technology (China) Mykolayiv National Agrarian University (Ukraine)	Increasing the wear resistance of cutting tools using vacuum plasma coatings	Li Xin Chen Leonid Orlovsky	Liang Yu Chen Oleksandr Lymar	49,5
123.	SHEI «Pryazovskyi State Technical University» (Ukraine)	Increasing the efficiency of using machine and tractor units by using fuel with a modifier	Andriy Khoroshylov Ilya Soboliev	Viktoriia Chorna	49,5
124.	Poltava State Agrarian University (Ukraine)	Study of physical and mechanical properties of plant fruits on the example of walnut	Maksym Pyatak Vitalii Chyzhov	Padalka Viacheslav	49,5

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125.	Państwowa Wyższa Szkoła Zawodowa w Chełmie (Poland)	Reducing the energy intensity of the processes of dosing, mixing and unloading mineral fertilizers	Iga Cymerman	Jacek Cymerman	49,5
	National University of Water and Environmental Engineering (Ukraine)		Vyacheslav Golovaychuk	Olena Nalobina	
126.	Kyiv National University of Construction and Architecture (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Wastewater treatment using an electrocoagulation plant in the context of an agro-industrial complex	Oksana Kichigina Viacheslav Portnoi	Maksym Delembovskyi Andrii Rudenko	49,5
127.	Balti State University Named After Alec Russo (Moldova)	Evaluation of the influence of the deflection of the rotating shaft on the force factors that arise when the axes are misaligned in the gear joints of machine units	Dmytro Mineskurte	Vasyl Sharagov	49,5
	Kharkov National Automobile and Highway University (Ukraine)		Daniil Naidyonov	Diana Hlushkova	
128.	Batumi Navigation Teaching University (Georgia)	Development of the technological process of obtaining bakery products	Kahidze Eldar Kontselidze Archil	Gela Mamuladze	49
129.	Akademia WSB w Dąbrowie Górniczej (Poland)	Upgrading the threshing drum on the grain harvester KZS-9-1 "Slavutich"	Karimov Vafo	Yurii Vitkovskyi	49
	Admiral Makarov National University of Shipbuilding (Ukraine)		Ernest Nechaev	Pavlo Mykhailichenko	
130.	Zhejiang International Maritime College (China)	The choice of rational ways to restore worn-out parts of agricultural machinery	Zhang Yuze	Maxim Bobrov	49
	Admiral Makarov National University of Shipbuilding (Ukraine)		Vladyslav Savchenko	Vyacheslav Sviridov	
131.	Jiangsu University of Science and Technology (China)	Research on improving the operational and technical characteristics of a diesel engine by improving the fuel supply control system	Ying Aoyue	Liang Yu Chen	49
	Admiral Makarov National University of Shipbuilding (Ukraine)		Serhiy Bondarenko	Victoria Khomenko	

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132.	SHEI «Pryazovskyi State Technical University» (Ukraine)	Increasing the resource of restored working bodies of machines for continuous soil processing taking into account the conditions of their use	Valerii Lebediev Daniil Tarasenko	Viktor Skosyriev	49
133.	Sumy National Agrarian University (Ukraine)	Development of a hybrid mobile power unit for field work	Eugen Redko Alex Pantyushenko	Mykhailo Shuliak	49
134.	Kharkov National Automobile and Highway University (Ukraine)	Increase of operational properties crankshaft of cast iron	Oleksandr Vozniuk Igor Machan	Nataliia Lalazarova	49
135.	Dmytro Motornyi Tavria State Agrotechnological University (Ukraine)	Increasing the efficiency of the use of modular energy means	Andrii Parapanov Danylo Karmazin	Vasyl Mitkov	49
136.	International Academies of Applied Sciences in Łomża (Poland) Kharkov National Automobile and Highway University (Ukraine)	Imperatives of development of environmentally clean technology in mechanical engineering	Volodymyr Galas Danylo Romaev	Dariush Tomashevich Diana Hlushkova	49
137.	International Academies of Applied Sciences in Łomża (Poland) Kharkov National Automobile and Highway University (Ukraine)	Surface reinforcement of the responsible details of the hydraulic hammer	Piotr Plevniski Andrii Lopatin	Dariush Tomashevich Diana Hlushkova	49
138.	Akademia WSB w Dąbrowie Górniczej (Poland) Mykolayiv National Agrarian University (Ukraine)	Adaptive approaches to forecasting agricultural engineering indicators	Tsap Mykhailo Vadim Andreev	Yurii Vitkovskyi Vitaly Pozhivatenko	48,5



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139.	Jiangsu Ocean University (China) Admiral Makarov National University of Shipbuilding (Ukraine)	Research on vibrating separators with an increased level of tracking control	Li Fan Karina Slivyanchuk	Ivan Bilyuk Alla Rusnak	48,5
140.	Central Ukrainian National Technical University (Ukraine)	Substantiation of the parameters of a self-cleaning screen for grain cleaning machines	Oleksandr Chuchupaka Oleksii Kliushta	Petro Luzan	48,5
141.	Batumi Shota Rustaveli State University (Georgia) Mykolayiv National Agrarian University (Ukraine)	Investigation of physical, mechanical and technological properties of tomato fruits	Gogitidze Sopho Bohdan Gayukha	Gela Mamuladze Pavlo Polyansky	48,5
142.	Dmytro Motornyi Tavria State Agrotechnological University (Ukraine)	Justification of the technological process of pre-sowing soil treatment	Danylo Dolgyi Ihor Kucher	Volodymyr Kuvachov	48,5
143.	National University of Water and Environmental Engineering (Ukraine)	Straw chopper for cattle farms	Vitaliy Osadchuk Sergiy Lyashuk	Oksana Valetska	48,5
144.	International Academies of Applied Sciences in Łomża (Poland) Kharkov National Automobile and Highway University (Ukraine)	Application of ionoplasm processing for the restoration of bearing inserts	Vladyslav Shevchuk Yevhenii Voitenko	Dariush Tomashevich Diana Hlushkova	48,5
145.	Batumi Navigation Teaching University (Georgia)	Increasing the efficiency of use beet cropper	Kontselidze Irakli Vladimir Kudin	Gela Mamuladze	48
146.	Jiangsu Ocean University (China) Admiral Makarov National University of Shipbuilding (Ukraine)	Impulse voltage distribution in the shielded disc in comparison with the disc windings located on the power transformer structure	Lv Haoming Ilya Nadtochii	Ivan Bilyuk Volodymyr Blintsov	48

<b>№</b>	<b>Institution of higher education, country</b>	<b>Title of work</b>	<b>Author (s)</b>	<b>Supervisor (s)</b>	<b>Average score</b>
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147.	Jiangsu Ocean University (China) Admiral Makarov National University of Shipbuilding (Ukraine)	Analysis of the effectiveness of different types of tillage equipment depending on the type of soil	Yu Xiang Ivan Ungarov	Ivan Bilyuk Artem Andreev	48
148.	Jiangsu University of Science and Technology (China) Admiral Makarov National University of Shipbuilding (Ukraine)	Research on the use of generator gas on internal combustion engines in the agricultural sector	Hong Shengzhe Oleksiy Skrypnyk	Liang Yu Chen Vyacheslav Sviridov	48
149.	O.M. Beketov National University of Urban Economy in Kharkiv (Ukraine)	Design of a synchronous reactive motor with advanced energy characteristics	Oleksandr Pavlenko Oleksandr Merzlovskyyi	Oleksiy Iegorov	48
150.	Separated structural subdivision «Nemishaevo Professional College of NUBiP of Ukraine» (Ukraine) National University of Life and Environmental Science of Ukraine (Ukraine)	Study of defects of the arrow paw of the cultivator	Tymofii Cherevko Mykola Yurchuk	Mykola Denysenko Yulii Revenko	48
151.	Jiangsu Ocean University (China) Admiral Makarov National University of Shipbuilding (Ukraine)	Optimizing the operation of agricultural machinery through regular maintenance	Pan Yue Andrii Savchyn	Ivan Bilyuk Artem Andreev	47,5
152.	National University of Civil Defence of Ukraine (Ukraine)	Study of the peculiarities of the technological process of grain harvesting with substantiation of the parameters and modes of operation of the waiting harvester	Oleksandr Khoruzhiy Radionov Yaroslav	Andrii Pobidash	47,5
153.	Ukrainian Engineering Pedagogics Academy (Ukraine) Jiangsu Ocean University (China)	Determining the electrophysical properties of electrolytic grounding of agricultural mobile electrical installations	Serhii Dudetskyi Haoran Xu	Artem Chernyuk Ivan Bilyuk	47,5

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154.	Kherson State Maritime Academy (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Modernization of the design of the device for crushing root crops in the technological process of feed preparation	Bohdan Manila Igor Golynskiy	Serhii Voronenko Olena Gorbenko	47,5
155.	Batumi Navigation Teaching University (Georgia)	Improvement of the technological process of processing sunflower seeds for oil	Beka Varshanidze Nika Verdzadze	Gela Mamuladze	47
156.	Jiangsu Ocean University (China) Admiral Makarov National University of Shipbuilding (Ukraine)	Designing simple mechanical devices to minimize crop losses during harvesting	Xu Yaoyun Ilya Lysenko	Ivan Bilyuk Oleg Solomentsev	47
157.	Zhejiang International Maritime College (China) Admiral Makarov National University of Shipbuilding (Ukraine)	Improving the reliability of agricultural machinery by diagnostic methods	Yao Guodong Dmytro Reshetniuk	Maxim Bobrov Vyacheslav Sviridov	47
158.	Zhejiang International Maritime College (China) Admiral Makarov National University of Shipbuilding (Ukraine)	Research on the issues of technical operation of the machine and technical park	Lin Chao Mykhailo Kozin	Maxim Bobrov Maxim Pyrysunko	47
159.	Jiangsu University of Science and Technology (China) Admiral Makarov National University of Shipbuilding (Ukraine)	The use of the agricultural machinery internal combustion engine turbine regulating nozzle device to increase fuel efficiency	Wang Cheng Nuo Yevgeny Bohuslavskiy	Liang Yu Chen Ivan Kalinichenko	47
160.	University of Security Management in Košice (Slovakia) Mykolayiv National Agrarian University (Ukraine)	Numerical modeling of a structured dome for use in agro-industry	Roman Sviatko Maxim Vasytkov	Igor Britchenko Olena Boychuk	47

<b>№</b>	<b>Institution of higher education, country</b>	<b>Title of work</b>	<b>Author (s)</b>	<b>Supervisor (s)</b>	<b>Average score</b>
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161.	Vinnitsia National Agrarian University (Ukraine)	Development of a technological line for the production of pressed briquettes from shredded wood	Maxim Franchuk Volodymyr Shkuta	Lyudmila Shvets	47
162.	Zhejiang International Maritime College (China) Admiral Makarov National University of Shipbuilding (Ukraine)	Development of low-cost rainwater harvesting systems for irrigation on small-scale farms	Zhao Yitian Evgeny Chaika	Maxim Bobrov Oleg Solomentsev	46,5
163.	O.M. Beketov National University of Urban Economy in Kharkiv (Ukraine)	Study of the possibilities of energy management of the charging station	Oleg Cherkashin Vyacheslav Kyrychenko	Oleksandr Shkurpela	46,5
164.	Batumi Shota Rustaveli State University (Georgia) Mykolayiv National Agrarian University (Ukraine)	Improvement of the method of grain storage in silos	Makaradze Salome Serhij Anisimov	Gela Mamuladze Nataliia Dotsenko	46,5
165.	International Academies of Applied Sciences in Łomża (Poland) Kharkov National Automobile and Highway University (Ukraine)	Development of rapeseed cultivation technology by optimizing the use of energy-saving technologies	Piotr Plevniski Vyacheslav Shepelev	Dariush Tomashevich Diana Hlushkova	46,5
166.	Zhejiang International Maritime College (China) Admiral Makarov National University of Shipbuilding (Ukraine)	Repair of hydraulic systems of agricultural machinery	Feng Xingying Andriy Kudrenko	Maxim Bobrov Roman Avdyunin	46
167.	National University of Civil Defence of Ukraine (Ukraine)	Rationale for a rational way of storing grain mass in silo-type storage facilities	Halii Yaroslav Boyko Mykyta	Roman Melezhyk	46

<b>№</b>	<b>Institution of higher education, country</b>	<b>Title of work</b>	<b>Author (s)</b>	<b>Supervisor (s)</b>	<b>Average score</b>
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168.	Batumi Shota Rustaveli State University (Georgia) Mykolayiv National Agrarian University (Ukraine)	Implementation of a device for filling cans to the technological line of juice production	Koncelidze Luka Serhij Popov	Paata Aroshidze Nataliia Dotsenko	46
169.	Kyiv National University of Construction and Architecture (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Creation of a control system and an autonomous energy source based on solar batteries for an agricultural robot	Ivan Tokarchuk Oleksandr Yanosh	Maksym Delembovskyi Volodymyr Martynenko	46
170.	Sumy National Agrarian University (Ukraine)	Justification of the quality of technological operation with a harrow-husker	Dmutro Solomko Aleks Ilchenko	Tetiana Khvorost	45,5
171.	Mircea cel Batran National College (România)	Justification of the design of the chopper-wiper for hydraulic sorting of tomatoes	Nadtochii Viktoria	Morar Irina Nicolaevna	45,5
172.	Higher School of Security and Economics (Bulgaria) Admiral Makarov National University of Shipbuilding (Ukraine)	Evaluation of the loading capacity of gear wheels in case of mismatch of gear wheel shafts	Margarita Mollova Ilya Anpilogov	Igor Britchenko Oleksandr Mytrofanov	45
173.	National University of Water and Environmental Engineering (Ukraine)	Analysis and improvement of removal devices in beet harvesters	Davydiuk Sofia Serhii Boyarchuk	Oleh Bundza Olena Nalobina	45
174.	Kyiv National University of Construction and Architecture (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Study of the dynamics of autonomous transitional processes of the agro-industrial complex	Anton Miroshnychenko Maksym Tumakov	Maksym Delembovskyi Dmytro Koshkin	45

<b>№</b>	<b>Institution of higher education, country</b>	<b>Title of work</b>	<b>Author (s)</b>	<b>Supervisor (s)</b>	<b>Average score</b>
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175.	Higher School of Security and Economics (Bulgaria) Admiral Makarov National University of Shipbuilding (Ukraine)	Increasing the efficiency of gearboxes	Iva Bangova Evgeniy Zotov	Igor Britchenko Oleksii Gogorenko	44,5
176.	Dmytro Motornyi Tavria State Agrotechnological University (Ukraine)	Increasing the efficiency of seed cleaning of fodder crops vibrating seed cleaning machine	Sergey Zhmak Valery Osaulenko	Tetiana Chorna	44,5
177.	Lviv National Environmental University (Ukraine)	Technology of steel rod restoration by thermal strengthening	Serhii Kosenko Liubomyr Slyva	Ivan Horodetskyi Ruslan Humeniuk	44
178.	Poltava State Agrarian University (Ukraine)	Using biomass to increase energy efficiency and energy saving in rural areas of the Poltava region	Sofia Lyashenko Veronika Titarenko	Serhii Liashenko	44
179.	Kherson State Maritime Academy (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Improvement of the device for providing water for the technological processes of livestock farms	Yevgeny Nikolayenko Karina Minasyan	Serhii Voronenko Olena Gorbenko	44
180.	Kyiv National University of Construction and Architecture (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Expression of the possibilities of penetration of the air space between the coils of the inductor during electromagnetic metal processing	Artur Barantsov Andrii Chirikov	Maksym Delembovskyi Volodymyr Martynenko	44
181.	Robert Elvorti Economics And Technology Institute (Ukraine)	Promising method of increasing the hardness of shafts	Zakhar Kovbasa Serhiy Musan	Tetiana Makrukha	44




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182.	Kherson State Maritime Academy (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Application of an energy-saving installation for electrohydropulse processing of fodder in technological processes of animal husbandry	Yevgeny Nikolayenko Anastasiia Keida	Serhii Voronenko Olena Gorbenko	42
183.	Kherson State Maritime Academy (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Impulse voltage distribution in the shielded disc in comparison with the disc windings located on the power transformer structure	Yaroslav Malina Oleksandr Khaskhachykh	Serhii Voronenko Oleksandr Tsyhanov	42
184.	Batumi Navigation Teaching University (Georgia)	Development of the technological process for the production of compound feed with the justification of the choice of a structural unit for the preparation of compound feed	Beridze Rezo Bolkvadze Beka	Gela Mamuladze	41
185.	ISMA University of Applied Sciences (Latvia) Admiral Makarov National University of Shipbuilding (Ukraine)	Increase of technical and economic indicators and weight dimensional indicators of gear transmissions in agricultural processing enterprises	Dionisii Bielientsov Maksym Bilogrud	Elena Chaiko Arkadii Proskurin	40,5
186.	Separate department of the National university of bioresources and nature management of Ukraine "Nizhyn agrotechnical institute" (Ukraine)	Organization of the transport process when transporting passengers on the route	Ruslan Kostyuk Timur Ivanov	Nelia Kopiak	39,5
187.	Sumy State University (Ukraine)	Development of a resource-saving technology for growing corn for grain with increasing the efficiency of engines by using compressed air	Sergey Kalashnikov Stanislav Kosyanenko	Vitalii Ivanov	39,5

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188.	Dniprovsky State Technical University (Ukraine)	Optimization according to energy indicators of frequency control laws	Dmytro Bilko Pavlo Melnyk	Oleg Klyuev	38,5
189.	Sumy State University (Ukraine)	Development of resource-saving technology of cereal growing using gas condensate as motor fuel	Mykhailo Shulyak Romanika Karina	Vitalii Ivanov	37,5
190.	Higher School of Security and Economics (Bulgaria) Admiral Makarov National University of Shipbuilding (Ukraine)	The technological process of applying gas-flame coatings from PG-10N-01 powder has been developed.	Margarita Mollova Nikita Apolonov	Igor Britchenko Boris Tymoshevskyy	37
191.	Kherson State Maritime Academy (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Modernization of the constructive solution of the device for obtaining tomato pulp	Yaroslav Malina Dmytro Salamaha	Serhii Voronenko Olena Gorbenko	34,5
192.	Sumy State University (Ukraine)	Development of a resource-saving technology of grain harvesting with justification of the feasibility of using gaseous	Sevryuk Andriy Fadeev Vyacheslav	Vitalii Ivanov	33
193.	Separate department of the National university of bioresources and nature management of Ukraine "Nizhyn agrotechnical institute" (Ukraine)	Improvement of the process of transportation of livestock products in the territory of PJSC "Myponivskiy xliboprodykt"	Gennady Maly Bohdan Makedon	Ilhom Makhmudov	32,5
194.	University of Security Management in Košice (Slovakia) Mykolayiv National Agrarian University (Ukraine)	Design of the optimal scheme of the agroindustrial complex power grid	Katarína Uhaľová Ilya Dovgai	Igor Britchenko Yevhen Borchyk	32,5

<b>№</b>	<b>Institution of higher education, country</b>	<b>Title of work</b>	<b>Author (s)</b>	<b>Supervisor (s)</b>	<b>Average score</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
195.	Dniprovsky State Technical University (Ukraine)	Increasing regulatory characteristics of wires based on asynchronous motor with a phase rotor	Maksym Kirpa Mykhailo Chernikov	Yevhen Khmelnytskyi	32
196.	Separate department of the National university of bioresources and nature management of Ukraine "Nizhyn agrotechnical institute" (Ukraine)	Improvement of the transport process of transportation of food products in the conditions of the Makariv bakery	Dmytro Golubev Andriy Churin	Victoria Opalko	32
197.	Separate department of the National university of bioresources and nature management of Ukraine "Nizhyn agrotechnical institute" (Ukraine)	Organization of transportation of bakery products to the trading network of Nizhyn by motor vehicle	Maxim Bezruchenkov Andriy Yurchenko	Nadia Sheyko	31
198.	Dniprovsky State Technical University (Ukraine)	Implementation of management in three coordinate planes Arduino-based milling machine with a stepper motor	Yuriy Shugai Mykhailo Chernikov	Yulia Sokhina	30,5
199.	Dniprovsky State Technical University (Ukraine)	Expansion of grinding modes on ball mills with a base drive machines with dual power supply	Mykhailo Lisniak Kirill Chernenko	Yukhim Royenko	28
200.	Sumy State University (Ukraine)	Study of the features of the technological process of cereal growing with the justification of the parameters of the solid mineral fertilizer spreader	Konstantin Golovko Serhii Dvornichenko	Vitalii Ivanov	24

Chairman of the Jury

Secretary of the Jury  
May 13, 2024



Oleksii SADOVYI

Pavlo POLYANSKY