

APPROVED

Chairman of the Organizing Committee

Dmytro BABENKO

May 18, 2026

**Rating of research projects submitted to International Student Professional Creative Competition
«Agricultural Sciences and Food» in the direction of agroengineering (I round II stage)**

№	Institution of higher education, country	Title of work	Author (s)	Supervisor (s)	Average score
1	2	3	4	5	6
1.	Stepan Gzhytskyi National University of Veterinary Medicine and Biotechnologies Lviv (Ukraine)	Evaluation of accelerator pedal strength under critical loads using the finite element method	Bohdan Hrudetskyi Bohdan Lavrys	Ruslan Humeniuk Vitaliy Vlasovets	92,5
2.	State Biotechnological University (Ukraine)	Increasing the efficiency of the operation of a machine-tractor unit by developing a soil cultivation depth control system	Bohdan Zhadan Eduard Zmiievskyi	Roman Antoshchenkov Ivan Halych	92,0
3.	Kharkov National Automobile and Highway University (Ukraine)	Electrospark engineering of wear-resistant surfaces for high-load components in construction and mining equipment	Valeriia Sierokurova Kyrylo Yermakov	Diana Hlushkova	88,0
4.	National University of Life and Environmental Science of Ukraine (Ukraine)	Enhancing reliability of manitou telehandlers in debris clearance operations for grain infrastructure recovery under high-dust conditions: engineering solutions for post-war agricultural resilience	Vladyslav Bastylo	Andrii Novytskyi	87,0

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1	2	3	4	5	6
			Vadym Pidvisotskiy	Valentyna Melnyk	
5.	Sumy State University (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Research on technology for rolling and unrolling rotating parts with flexible rollers	Anatolii Mykytyuk Yaroslav Baturin	Vitalii Ivanov Oleksandra Zubiekhina- Khaiiat	86,0
6.	Constanta Maritime University (Romania) Mykolayiv National Agrarian University (Ukraine)	Implementation of machine for separating seeds of vegetable and melon crops into the production line	Viktoria Nadtochii Maksim Vasilkov	Ion Letitia Olena Gorbenko	85,5
7.	National Technical University «Kharkiv Polytechnic Institute» (Ukraine)	Energy-saving wood drying solutions for farms and agricultural operations	Elizaveta Sitalo Oleksandr Kundenko	Olga Iegorova Svitlana Molchenko	85,5
8.	Kherson Educational and Scientific Institute of the Admiral Makarov National University of Shipbuilding (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Improvement of energy-saving technologies in irrigated agriculture at the national scientific and practical centre «MNAU»	Karina Duzhuk Andriy Lashchenko	Iryna Nadtochii Irina Sukovitsina	85,0
9.	Dnipro State Agrarian And Economic University (Ukraine)	Reasoning of material and technology for manufacturing composite parts for agricultural equipment	Dmytro Pelypas	Dmytro Makarenko	85,0

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1	2	3	4	5	6
10.	Kremenchuk Mykhailo Ostrohradskyi National University (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Study of the characteristics of a transformer with an amorphous alloy core	Bohdan Haidenko Oleksandr Vilchinskiy	Gennady Rykov Dmytro Babenko	84,5
11.	Kherson Educational and Scientific Institute of the Admiral Makarov National University of Shipbuilding (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Analysis of the use of hydrogen additives in diesel engines of agricultural machinery	Maksym Korogod Oleksandr Troyan	Denis Shalapko Larisa Vakhonina	84,0
12.	University of Life Sciences in Lublin (Poland) State Biotechnological University (Ukraine)	Experimental evaluation of the performance of grain drill coulters under minimum tillage conditions	Paulina Drozd Andrii Kolpachenko	Andrzej Marczuk Roman Kyrychenko	84,0
13.	Admiral Makarov National University of Shipbuilding (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Development of a device for egg ozonation during incubation	Vladyslav Korolchuk Yeremey Chikirev	Andriy Radchenko Andriy Rudenko	84,0
14.	National University of Water and Environmental Engineering (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Forecasting agro-engineering indicators	Andriy Gushpet Vladyslav Hotilov	Olena Nalobina Vitalii Pozhyvatenko	83,5
15.	Kherson Educational and Scientific	Energy-saving technology of pre-sowing	Ivan Dontsov	Alla Rusnak	83,5

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1	2	3	4	5	6
	Institute of the Admiral Makarov National University of Shipbuilding (Ukraine) Mykolayiv National Agrarian University (Ukraine)	soil cultivation in vegetable growing	Kyrylo Vatula	Mykyta Khramov	
16.	Poltava State Agrarian University (Ukraine)	Improvement of the technological process of repairing hydraulic systems of agricultural machines	Dmytro Starokozhko Ivan Moshenko	Oleksandr Gorbenko	83,5
17.	National University of Civil Defence of Ukraine (Ukraine)	Improving the safety level of agricultural machinery	Anhelina Miroshnichenko Nelia Chupryna	Bohdan Tsymbal	83,0
18.	Mykolayiv National Agrarian University (Ukraine)	Restoration of hydraulic cylinders of agricultural machinery with a dimensional composite coating based on chromium	Ihor Okhrimenko Valeriy Khomenko	Dmytro Marchenko Oleksandr Lyamar	83,0
19.	National University of Life and Environmental Science of Ukraine (Ukraine)	Research into the technological reliability of a seeding apparatus with a directional doser as a means of resource saving	Yevheniy Troian Kira Tarushko	Pavlo Popyk Ruslan Kulpin	83,0
20.	Kremenchuk Mykhailo Ostrohradskyyi National University (Ukraine)	Control of heating system equipment under technological limitations	Valeriia Sukhomlyn	Viacheslav Prus	83,0

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1	2	3	4	5	6
			Alekseya Markina		
21.	Mykolayiv National Agrarian University (Ukraine)	Intensification of the process of hydraulic separation of the seed mixture of pumpkin crops	Maksym Kocherzhenko Vitaliy Ovcharenko	Pavlo Polyansky Gennady Ivanov	82,5
22.	National University "Zaporizhzhia Polytechnic" (Ukraine)	Integrated reverse-engineering technology for the production of sheet metal structures for agricultural machinery	Bogdan Ryasnenko Maksym Babich	Serhii Tanchenko Mykhaylo Frolov	82,0
23.	Kremenchuk Mykhailo Ostrohradskiy National University (Ukraine)	Increasing the efficiency of the system of planned and preventive repairs of electrical machines by implementing the determination of their actual condition	Bohdan Raida Vladyslav Petrov	Oleksandr Somka	81,5
24.	Kharkov National Automobile and Highway University (Ukraine)	Synthesis and optimization of the properties of Cu-Al ₂ O ₃ metal-ceramic composite coatings with controllable thermophysical characteristics	Vitalii Sharovka Dmytro Salatskyi	Diana Hlushkova	81,5
25.	National University «Chernihiv Polytechnic» (Ukraine)	Azotobacter breeding as a basis for creating environmentally friendly biofertilizers	Oleksandra Havrilyuk	Olha Lohosha	81,0

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1	2	3	4	5	6
26.	Mykolayiv National Agrarian University (Ukraine)	Research into the optimal design parameters of the opener that affect the efficiency of the grain seeder	Tyma Oleg Hruban Oleg	Vasyl Hruban Antonina Haleeva	81,0
27.	Lutsk National Technical University (Ukraine)	Research of the working body and justification of the design of a tool for deep soil loosening	Bohdan Pastushok Yaroslav Nesteruk	Ihor Tsyz Serhii Khomych	81,0
28.	Kremenchuk Mykhailo Ostrohradskyi National University (Ukraine)	Study of cooling systems for traction electric drive motors	Valerii Melnichenko Andrii Kobreniuk	Mykhailo Zahirnyak	80,5
29.	Volodymyr Dahl East Ukrainian National University (Ukraine)	Analysis of mounted agricultural machines and increasing the efficiency of their application	Viktor Ishchenko Stanislav Baydachenko	Grigory Melkonov Hryhorii Fesenko	80,5
30.	Kyiv National University of Construction and Architecture (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Numerical definition of dynamic characteristics of railway bridges	Mykola Nazarenko Andrii Oliinyk	Maksym Delembovskyi Olena Boychuk	80,0

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1	2	3	4	5	6
31.	Mykolayiv National Agrarian University (Ukraine)	Improving the energy efficiency of a grain drying plant	Vladislav Kotelnikov Vyacheslav Sheptytskyi	Andriy Stavynskyi Vitalii Mardziavko	79,0
32.	Kremenchuk Mykhailo Ostrohradskyi National University (Ukraine)	Research into vibration processes in electromechanical systems and methods for their reduction	Ivan Yuritsyn Daria Hapieieva	Viktoriia Nozhenko	79,0
33.	International Academies of Applied Sciences in Łomża (Poland) Mykolayiv National Agrarian University (Ukraine)	Comparison of the efficiency of home photovoltaic power plants in 2024-2025 under real operating conditions in agriculture in the Suwałki region	Dariusz Wojciechowski Vladyslav Olyzko	Jolanta Puczel Sergey Stepanov	79,0
34.	Sumy National Agrarian University (Ukraine)	Efficiency assessment of mineral fertilizer spreader performance in variable rate application	Maksym Romas Oleh Piskovyi	Oleh Piskovyi Andrii Chepizhnyi	79,0
35.	Mykolayiv National Agrarian University (Ukraine)	Implementation of resource-saving equipment in tomato processing lines	Maxim Denisov Oleksandr Parkhomets	Nataliia Dotsenko Olena Baranova	78,5
36.	Kharkov National Automobile and Highway University (Ukraine)	Adaptive plasma coatings for gas turbine engine components	Oleksandr Zubkov	Diana Hlushkova	78,5

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			Daniil Shatiiev		
37.	Kharkov National Automobile and Highway University (Ukraine)	Research on the influence of surface condition on the corrosion resistance of steel products	Serhii Minaiev Oksana Vladymyrova	Nataliia Lalazarova Viacheslav Stolbovyi	78,0
38.	Admiral Makarov National University of Shipbuilding (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Wastewater treatment in the agro-industrial complex using an electrocoagulation unit	Darya Dovzhenko Ivan Orekhovsky	Maksym Bobrov Sadovy Oleksiy	78,0
39.	Kherson Educational and Scientific Institute of the Admiral Makarov National University of Shipbuilding (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Improvement of autonomous small-capacity hydroelectric power plants for driving heat pumps	Diana Gurina Nazar Guzenko	Ivan Kalinichenko Dmytro Koshkin	77,5
40.	O.M. Beketov National University of Urban Economy in Kharkiv (Ukraine)	Development of an axial synchronous motor with an external rotor as an electric drive for a grain dryer fan	Vladyslav Rakytyansky Andriy Zakrevsky	Oleksiy Iegorov	77,0
41.	Central Ukrainian National Technical University (Ukraine)	Development and substantiation of a spring-loaded covering device for a row-crop planter	Oleksandr Chuchupaka Mykhailo Vasytkovsky	Dmytro Artemenko	76,5

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42.	Sumy National Agrarian University (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Comparison of the efficiency of sprayer application rate controller and pulse-width modulation (pwm) system in plant protection product application	Bohdan Rashchenko Nikita Danilov	Tetiana Khvorost Oleksandr Tsyganov	76,0
43.	Polissia National University (Ukraine)	Study of the tribological characteristics of the soil medium	Bohdan Bystrytskyi Askold Lystukha	Kostiantyn Borak Volodymyr Kulykivskyi	76,0
44.	State Biotechnological University (Ukraine)	Investigation of machines for shredding crop residues	Yehor Chernyshov Oleksandr Vus	Andrii Pakhuchyi Oleksandr Kozii	75,5
45.	Admiral Makarov National University of Shipbuilding (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Development of an electrotechnological unit for studying electroplasmolysis of fruit crops with cell microstructure analysis	Serhiy Vasylenko Denys Khom`yak	Oleg Savenkov Volodymyr Martynenko	73,5
46.	National University of Life and Environmental Science of Ukraine (Ukraine)	Modernisation of the design of plate-type vacuum pumps as a means of increasing their service life	Marharyta Danilova Anastasiia Cherkas	Zinovii Ruzhylo Dmytro Velykoivanenko	73,0
47.	Kharkov National Automobile and Highway University (Ukraine)	Kinetics of deformation processes in 10G2FB steel welds during gas shielded	Serhii Seleznov	Diana Hlushkova	73,0

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		welding	Oleksandr Lapenko		
48.	Dniprovsky State Technical University (Ukraine)	Precision asynchronous electric drive with dual-zone velocity control	Oleh Naumenko Illia Melasanov	Oleksandr Derets	69,5
49.	L. B. Goncharov Kazakh Automobile and Road Institute (Kazakhstan) Kharkiv National Automobile and Highway University (Ukraine)	The effect of heat treatment regimes on the microstructure and mechanical properties of 60C2A spring steel	Stepan Tkachenko Andrii Putivskiy	Ul'bala Murzakhmetova Diana Hlushkova	68,0
50.	Wroclaw University of Science and Technology (Poland) Mykolayiv National Agrarian University (Ukraine)	Increasing the efficiency of livestock production processes through electrohydropulse feed processing	Nicole Szklarczyk Oleksandr Pohrebniy	Anna Burduk Nataliia Dotsenko	63,0
51.	Constanta Maritime University (Romania) Mykolayiv National Agrarian University (Ukraine)	Development and optimization of design parameters of a tomato fruit separator	Alicia Navrot Vadym Savenko	Ion Letitia Pavlo Polyansky	59,0
52.	Wroclaw University of Science and Technology (Poland) Mykolayiv National Agrarian University (Ukraine)	Study of the dependence of load on the geometric parameters of gears	Adam Sontowski Konstantin Shulga	Anna Burduk Pavlo Polyansky	59,0

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1	2	3	4	5	6
53.	Kyiv National University of Construction and Architecture (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Probabilistic modeling of steel resource under cyclic loads by monte carlo method	Dmytro Bai Oleksandra Vozniuk	Maksym Delembovskyi Olena Boychuk	58,5
54.	Constanta Maritime University (Romania) Mykolayiv National Agrarian University (Ukraine)	Research on aerodynamic properties during primary processing of oats	Marchyniak Michal Oleksandr Marykin	Ion Letitia Pavlo Polyansky	58,0
55.	Jiangsu University of Science and Technology (China) Mykolayiv National Agrarian University (Ukraine)	Development of an electrotechnological unit for fertilizer preparation	Wang Liyuan Oleksandr Mardziavko	Liang-Yu Chen Andriy Rudenko	57,5
56.	Kherson Educational and Scientific Institute of the Admiral Makarov National University of Shipbuilding (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Use of electronic fuel supply control systems in agricultural machinery engines	Serhiy Oliynyk Yana Kim	Oleg Solomentsev Dmytro Koshkin	56,5
57.	Constanta Maritime University (Romania) Mykolayiv National Agrarian University (Ukraine)	Increasing the reliability and durability of working parts of agricultural machinery by optimizing wear parameters	Mateusz Bartczak Danylo Velikhovsky	Ion Letitia Pavlo Polyansky	56,5
58.	Ukrainian State University of Science	Selection and investigation of the structure	Denys Verpovskyi	Tetiana Aiupova	56,5

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	and Technologies (Ukraine) Kharkiv National Automobile and Highway University (Ukraine)	and properties of gas-thermal coatings for piston rings in dual-purpose engines	Yaroslav Tsyhanenko	Diana Hlushkova	
59.	Jiangsu University of Science and Technology (China) Mykolayiv National Agrarian University (Ukraine)	Methods for improving the energy efficiency of the electric drive system of a battery electric vehicle	Cai Qiteng Maksym Tsymbalaru	Liang-Yu Chen Oleksandr Tsiganov	56,5
60.	Zhejiang International Maritime College (China) Mykolayiv National Agrarian University (Ukraine)	Engineering approaches to improving the strength characteristics of steel structural parts	Liu Runqi Andriy Stavtsev	Maxim Bobrov Olena Baranova	56,5
61.	National University «Chernihiv Polytechnic» (Ukraine)	Selection of fungi of the genus Trichoderma as a basis for environmentally safe biofungicides	Bohdan Reshetnyk	Serhii Derkach	56,5
62.	Jiangsu University of Science and Technology (China) Mykolayiv National Agrarian University (Ukraine)	Electrophysical treatment of planting material	Lyu Wenle Yevheniy Gordienko	Liang-Yu Chen Larisa Vakhonina	56,0
63.	National University «Chernihiv Polytechnic» (Ukraine)	Features of heavy metal migration in the 'soil-plant' system under conditions of anthropogenic pressure	Yana Mekhovska	Iryna Korotka	56,0
64.	National University «Chernihiv Polytechnic» (Ukraine)	Modern elements of optimization of buckwheat cultivation technology in the	Volodymyr Moroz	Lyubov Shevchenko	56,0

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1	2	3	4	5	6
		conditions of Polissya			
65.	Separated structural subdivision «Nemishaevo Professional College of NUBiP of Ukraine» (Ukraine) National University of Life and Environmental Science of Ukraine (Ukraine)	Improving the operational reliability of hydraulic distributors by refining the technology for repairing their housings	Yurii Nakonechnyi Vladyslav Kravchenia	Volodymyr Syvolapov Serhii Chaliienko	56,0
66.	State Biotechnological University (Ukraine)	Optimization of subsoiler parameters during the technological process	Ihor Hen Oleksandr Taran	Nikolay Artiomov Mykhailo Tsyhanenko	55,5
67.	University of Life Sciences in Lublin (Poland) State Biotechnological University (Ukraine)	Post-harvest processing of triticale seed mixture using a vibratory machine	Paulina Drozd Anton Chyrkin	Andrzej Marczuk Anton Nikiforov	55,5
68.	Ukrainian State University of Science and Technologies (Ukraine) Kharkiv National Automobile and Highway University (Ukraine)	Improving the quality characteristics of plasma coatings	Varvara Domaskina Tetiana Kolesnik	Tetiana Aiupova Diana Hlushkova	55,5
69.	National University «Chernihiv Polytechnic» (Ukraine)	Influence of a bioactive adjuvant complex on the efficacy of trace element nanocarboxylates in winter wheat cultivation	Kateryna Denysenko Valeriy Rozhok	Serhii Kozar	55,5
70.	Lutsk National Technical University (Ukraine)	Development of a pneumatic tool for extracting sapropel for the production of	Volodymyr Sanelyuk	Serhii Khomych	55,0

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1	2	3	4	5	6
		organic fertilizers	Maksym Satsyuk		
71.	State Biotechnological University (Ukraine)	Investigation of the influence of the grain drill coulter system on depth uniformity	Oleksandr Rybka Serhii Savsiuk	Serhii Diakonov Oleksandr Anikieiev	54,5
72.	State Biotechnological University (Ukraine)	Justification of the process of operation and parameters of the plant for pasteurization of milk with a hydrodynamic heater and a thermal	Andrii Dmytriiev Ivan Zub	Vitalii Sementsov Volodymyr Sementsov	54,5
73.	Zhejiang International Maritime College (China) Mykolayiv National Agrarian University (Ukraine)	Improving the efficiency of technological parameters of a screw press for oil extraction	Zhou Kaile Oleksij Kovalenko	Maxim Bobrov Olena Gorbenko	54,5
74.	National University of Civil Defence of Ukraine (Ukraine)	Increasing the level of occupational safety during agricultural work	Yevheniy Holoborodko Volodymyr Sokolov	Bohdan Tsymbal	54,5
75.	National Technical University «Kharkiv Polytechnic Institute» (Ukraine)	Formation of phytoflows of LED emitters for growing plants in closed ground	Oleksandr Petrenko Serhiy Stepin	Mykola Kundenko	54,5
76.	International Academies of Applied Sciences in Łomża (Poland)	The synergy between impact and abrasion resistance and the dynamic strength of	Piotr Plewnicki	Dariusz Tomashevich	54,5

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	Kharkov National Automobile and Highway University (Ukraine)	replaceable parts in excavator buckets	Kostiantyn Pavlovskyi	Diana Hlushkova	
77.	L. B. Goncharov Kazakh Automobile and Road Institute (Kazakhstan)	Modeling and predictive analytics of the mechanical properties of reinforced layers in metallic materials	Viktor Orekhov	Ul'bala Murzakhmetova	54,0
	Kharkiv National Automobile and Highway University (Ukraine)		Mykola Lisnichenko	Diana Hlushkova	
78.	Jiangsu University of Science and Technology (China)	Study of dynamic operating modes of a gas-diesel unit	Cai Tianqi	Liang-Yu Chen	54,0
	Mykolayiv National Agrarian University (Ukraine)		Andriy Vorobyov	Vitalii Mardziavko	
79.	National Technical University «Kharkiv Polytechnic Institute» (Ukraine)	Creation of energy-independent cultivation structures	Yaroslav Melnyk Alina Voitsekhovska	Mykola Kundenko	54,0
80.	National Technical University «Kharkiv Polytechnic Institute» (Ukraine)	Research and development of a physiologically effective irradiation unit for long-stemmed plants	Dmytro Boltvinenko Maksym Kovalyov	Olga Iegorova	54,0
81.	National University "Zaporizhzhia Polytechnic" (Ukraine)	Development prospects of precision volumetric extrusion in the production of heavy-duty parts for agricultural machinery	Viktoria Fedoseyeva Tetyana Nesmiyanova	Anna Ben Anton Matyukhin	54,0
82.	Zhejiang International Maritime	Optimization of parameters of an energy-	Jiang Junyu	Maxim Bobrov	53,5

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	College (China) Mykolayiv National Agrarian University (Ukraine)	efficient feed grain grinder	Oleg Krupoder	Olena Gorbenko	
83.	Central Ukrainian National Technical University (Ukraine)	Design development and parameter substantiation of subsoiler working tools for overcompacted soil tillage	Mykhailo Vasylykovskyi Artem Solop	Serhii Leshchenko	53,5
84.	Polissia National University (Ukraine)	Materials science foundations for improving the reliability and service life of agricultural machine parts	Serhiy Vender	Kostiantyn Borak	53,5
85.	International Academies of Applied Sciences in Łomża (Poland) Mykolayiv National Agrarian University (Ukraine)	Increasing the efficiency of natural gas consumption by boilers through the use of modulating burner control	Dariusz Wojciechowski Dmytro Beblo	Jolanta Puczel Nikita Khramov	53,5
86.	Batumi Navigation Teaching University (Georgia) Mykolayiv National Agrarian University (Ukraine)	Analysis of the effectiveness of a small-sized sprayer in the mechanized protection of agricultural crops	Nagervadze Gia Oleksandr Korochenko	Badri Gechbaia Antonina Haleeva	53,0
87.	Constanta Maritime University (Romania) Mykolayiv National Agrarian University (Ukraine)	Justification and optimization of structural and kinematic parameters of root harvesting equipment	Agatha Gzhelka Artem Tsivenko	Ion Letitia Pavlo Polyansky	53,0

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88.	Zhejiang International Maritime College (China) Mykolayiv National Agrarian University (Ukraine)	Improving grain storage technology in silos	Jiang Wentao Serhij Anisimov	Maxim Bobrov Olena Gorbenko	53,0
89.	Sumy National Agrarian University (Ukraine)	Efficiency assessment of liquid fertilizer applicator performance	Oleksandr Borzykh Serhii Zinchenko	Mykola Shelest	53,0
90.	National Technical University «Kharkiv Polytechnic Institute» (Ukraine)	Energy-efficient technologies for drying plant products using solar radiation	Kyrylo Brahorenko Yaroslav Melnyk	Svitlana Molchenko	53,0
91.	Volodymyr Dahl East Ukrainian National University (Ukraine)	Synthesis and research of robust control systems for electric drives of agricultural equipment based on H_{∞} -methods	Matviy Mayboroda Oleksandr Tsukor	Yevhen Rudniev Julia Romanchenko	53,0
92.	Zhejiang International Maritime College (China) Mykolayiv National Agrarian University (Ukraine)	Non-destructive identification of metals types by eddy current method in dynamics	Zhong Xiantao Alexey Khamriy	Maxim Bobrov Olena Baranova	52,5
93.	State University of Applied Sciences in Konin (Poland) Mykolayiv National Agrarian University (Ukraine)	Enhancing the operational reliability and durability of automotive brake systems through improvements in wheel hydraulic cylinders	Wojcik Patrick Stanislav Kuzhilov	Tetiana Cherniavska Oleksandr Lyamar	52,5

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94.	Central Ukrainian National Technical University (Ukraine)	Development and substantiation of the coulters group for a row-crop planter	Serhii Kovalenko Anatoly Bazanov	Serhii Moroz	52,5
95.	National University of Civil Defence of Ukraine (Ukraine)	Improving the level of occupational safety during the operation of agricultural machinery	Alona Kuzminska Veronika Vashchenko	Bohdan Tsymbal	52,5
96.	National University "Zaporizhzhia Polytechnic" (Ukraine)	Mathematical modelling of the thermoelastic state of two-layer structures in agricultural engineering using the integral Fourier transform	Diana Artsibasheva Elizaveta Yerenburg	Nina Antonenko	52,5
97.	National University "Zaporizhzhia Polytechnic" (Ukraine)	Assessment of the surface layer quality of mono-wheel disc sections following high-speed milling and electrical discharge machining	Gennadiy Kononov Oleksiy Kramarenko	Sergiy Dyadya	52,5
98.	National University "Zaporizhzhia Polytechnic" (Ukraine)	Die-forging technology for agricultural machinery gears using FEM analysis	Oleksandra Chetverik Anna Prokhorenko	Oleksandr Yepishkin Vasyl Obdul	52,5

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1	2	3	4	5	6
99.	Volodymyr Dahl East Ukrainian National University (Ukraine)	Increasing the productivity of vibroabrasive processing of complex-profile parts through rational selection of processing modes and geometry of the working environment	Denys Zahirko Serhiy Kozichev	Tetiana Shumakova Oleksiy Romanchenko	52,5
100.	Separated structural subdivision «Nemishaevo Professional College of NUBiP of Ukraine» (Ukraine) National University of Life and Environmental Science of Ukraine (Ukraine)	Monitoring the technical condition and improving the operational reliability of hydraulic cylinder elements	Yurii Tabachuk Anna Shchekalova	Serhii Smykovskiy Andrii Novytskyi	52,5
101.	Separated structural subdivision «Nemishaevo Professional College of NUBiP of Ukraine» (Ukraine) National University of Life and Environmental Science of Ukraine (Ukraine)	Research on technological parameters for repairing valve seats of diesel engines	Dmytro Mozolenko Ivan Savchenko	Mykola Denysenko Pavlo Popyk	52,5
102.	Jiangsu Ocean University (China) Mykolayiv National Agrarian University (Ukraine)	Resource-saving approaches in corn cultivation technology	Feng Yuhan Oleksiy Kovalenko	Ivan Bilyuk Vasyl Hruban	52,0
103.	Poltava State Agrarian University (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Engineering ensuring the durability of machinery parts	Maksym Shebitchenko Mykola Demiter	Oleksandr Gorbenko Olena Baranova	52,0

№	Institution of higher education, country	Title of work	Author (s)	Supervisor (s)	Average score
1	2	3	4	5	6
104.	Poltava State Agrarian University (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Improving the can filling process in juice production	Yuri Teschinsky Serhij Popov	Oleksandr Gorbenko Olena Gorbenko	52,0
105.	Poltava State Agrarian University (Ukraine)	Energy-saving technology for growing, harvesting and storing corn grain	Samson Kolotii Sofia Liashenko	Hryhorii Lapenko Taras Lapenko	52,0
106.	State University of Applied Sciences in Konin (Poland) Mykolayiv National Agrarian University (Ukraine)	Patterns of surface phase formation during chemothermal treatment of iron-based alloys	Zuzana Nizholek Bohdan Chyhin	Tetiana Cherniavska Oleksandr Lyamar	51,5
107.	O.M. Beketov National University of Urban Economy in Kharkiv (Ukraine)	NA - ION batteries: prospective batteries for alternative energy	Maksym Garmash Rasym Tagiyev	Ivan Kostenko	51,5
108.	Jiangsu Ocean University (China) Mykolayiv National Agrarian University (Ukraine)	Resource-saving grain harvesting technology using alternative types of gaseous fuel	Cao Yujia Andriy Moninets	Ivan Bilyuk Vasyl Hruban	51,5
109.	Lutsk National Technical University (Ukraine)	Development of a spring-loaded tensioner for the flax harvester's belt	Andriy Motsyuk Viktor Shumik	Serhiy Yukhymchuk	51,5

№	Institution of higher education, country	Title of work	Author (s)	Supervisor (s)	Average score
1	2	3	4	5	6
110.	Alecu Russo Balti State University (Moldova) Kharkov National Automobile and Highway University (Ukraine)	Development of a modern method for increasing the resource of engine parts	Igor Prociuc Kyrylo Knysh	Vasyl Sharagov Diana Hlushkova	51,5
111.	State Higher Vocational School in Chełm (Poland) National University of Water and Environmental Engineering (Ukraine)	Study of Tractor Diesel Engine Performance Based on On-Board Diagnostic System Data	Natalia Yanka Alina Pashchuk	Jacek Cymerman Olena Nalobina	51,5
112.	Dniprovsky State Technical University (Ukraine)	Study of the starting characteristics of a synchronous electric motor	Mark Bezditko Mykola Kozub	Sergey Kolychev	51,0
113.	Stepan Gzhytskyi National University of Veterinary Medicine and Biotechnologies Lviv (Ukraine)	The method of machine parts strengthening	Oleksandr Stratovych Bohdan Huk	Ruslan Humeniuk	51,0
114.	National University of Civil Defence of Ukraine (Ukraine)	Improving the occupational health and safety management system agricultural enterprises of Ukraine	Anton Dovhaliuk Petro Benchak	Bohdan Tsymbal	51,0
115.	Jiangsu Ocean University (China) Mykolayiv National Agrarian University (Ukraine)	Study of the technology of growing grain crops with substantiation of the parameters of the spreader of solid mineral fertilizers	Hao Jingjie Pavel Andrievsky	Ivan Bilyuk Vasyl Hruban	51,0

№	Institution of higher education, country	Title of work	Author (s)	Supervisor (s)	Average score
1	2	3	4	5	6
116.	Jiangsu Ocean University (China) Mykolayiv National Agrarian University (Ukraine)	Justification of a resource-saving technology for cereal crop cultivation using gas condensate as motor fuel	Chen Qihang Ilya Skachkov	Ivan Bilyuk Vasyl Hruban	51,0
117.	National University of Water and Environmental Engineering (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Research of a screw mixer for fodder	Vadim Semenyuk Vitaliy Prokopchuk	Olga Zmiyevska Vasyl Hruban	51,0
118.	Alecu Russo Balti State University (Moldova) Kharkov National Automobile and Highway University (Ukraine)	Increasing the wear resistance of the valve tappet	Andrei Bujor Maksym Kirichenko	Vasyl Sharagov Nataliya Lalazarova	51,0
119.	University of Life Sciences in Lublin (Poland) State Biotechnological University (Ukraine)	Combined device for feed preparation in animal husbandry	Bartolomej Borowski Valerii Kononenko	Dariusz Andrejko Petro Syromiatnikov	50,5
120.	National University of Water and Environmental Engineering (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Creation of an agricultural robot to work in the fields	Alina Jafarova Viktor Petroshchuk	Nadiya Yuvchik Vasyl Hruban	50,5
121.	Lutsk National Technical University (Ukraine)	Development of a sapropel extraction device with justification of parameters of a self-propelled milling working body	Andriy Kyrychuk Roman Trofymyuk	Roman Khlopetscyi	50,5

№	Institution of higher education, country	Title of work	Author (s)	Supervisor (s)	Average score
1	2	3	4	5	6
122.	Stepan Gzhytskyi National University of Veterinary Medicine and Biotechnologies Lviv (Ukraine)	Chemical protection of plants by spraying	Kulyas Ostap Vadym Pazdersky	Serhii Berezovetskyi	50,0
123.	Jiangsu University of Science and Technology (China) Mykolayiv National Agrarian University (Ukraine)	Analysis of the operation of electric cars and electric tractors	Huang Fengheng Dmitry Nomerov	Liang-Yu Chen Dmitry Koshkin	50,0
124.	O.M. Beketov National University of Urban Economy in Kharkiv (Ukraine)	Analysis of the use of a wind-diesel installation to power a charging station for agricultural equipment	Artem Vedmid Volodymyr Myalo	Maryna Hlebova	50,0
125.	Poltava State Agrarian University (Ukraine)	Mechatronic colorimetric system for monitoring the operational degradation of engine oil as a tool for enhancing vehicle reliability	Oleksandr Dremlyuzhenko Vasyl Likhitsky	Viacheslav Padalka	50,0
126.	Volodymyr Dahl East Ukrainian National University (Ukraine)	Modeling and optimization of electromagnetic polygradient separators for agro-industrial applications	Vadym Vasyukov Maksym Bashtovy	Julia Romanchenko Yevhen Rudniev	50,0
127.	Separated structural subdivision «Nemishaevo Professional College of NUBiP of Ukraine» (Ukraine)	Study of defects of the arrow paw of the cultivator	Valerii Pohosian	Volodymyr Kovalchuk	50,0

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1	2	3	4	5	6
	National University of Life and Environmental Science of Ukraine (Ukraine)		Yevhenii Olifirenko	Dmytro Velykoivanenko	
128.	L. B. Goncharov Kazakh Automobile and Road Institute (Kazakhstan)	Extending the service life of blast furnace charging mechanism components through thermal strengthening methods	Artur Zhuravlev	Ul'bala Murzakhmetova	49,5
	Kharkiv National Automobile and Highway University (Ukraine)		Ihor Zanko	Diana Hlushkova	
129.	University of Life Sciences in Lublin (Poland)	Alternative energy sources in animal husbandry	Mateusz Olszewski	Katarzyna Markowska	49,5
	State Biotechnological University (Ukraine)		Yurii Kozlov	Taras Shchur	
130.	State University of Applied Sciences in Konin (Poland)	Ensuring the reliability of pointed cultivator blades: modern technologies and their potential	Bohdan Komysch	Tetiana Cherniavska	49,5
	Mykolayiv National Agrarian University (Ukraine)		Andriy Hryshchenko	Oleksandr Lyamar	
131.	Central Ukrainian National Technical University (Ukraine)	Justification of the parameters of the centrifugal pneumatic sieve grain separator	Oleksandr Kalmykov	Oleksii Vasylkovskyi	49,5
			Alina Chubar		
132.	National University of Water and Environmental Engineering (Ukraine)	Fuzzy approaches to the development and implementation of smart irrigation technologies	Yaroslav Stryk	Olena Nalobina	49,5
	Mykolayiv National Agrarian University (Ukraine)		Vadim Andreev	Vitalii Pozhyvatenko	

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1	2	3	4	5	6
133.	National University of Water and Environmental Engineering (Ukraine) Mykolayiv National Agrarian University (Ukraine)	The use of drones in agriculture	Alina Pashchuk Andrii Vorobiov	Olena Nalobina Vitalii Pozhyvatenko	49,5
134.	Separated structural subdivision «Nemishaevo Professional College of NUBiP of Ukraine» (Ukraine) National University of Life and Environmental Science of Ukraine (Ukraine)	Ensuring trouble-free operation and improving the reliability of segmented-finger cutting systems	Vladislav Soldatov Timofey Cherevko	Petro Dyachenko Oleksandr Bannyi	49,5
135.	Lutsk National Technical University (Ukraine)	Research on a device for mowing shoots of remontant raspberries	Bohdan Dukhnytskyi Andriy Olkevich	Victor Tarasiuk	49,5
136.	Technical University of Košice (Slovak Republic) Mykolayiv National Agrarian University (Ukraine)	Study of the peculiarities of the technological process of processing fruit raw materials with justification of the choice of complete equipment	Viktoriia Razzhyvina Igor Shyshkevych	Kamil Zidek Mykyta Khramov	49,5
137.	L. B. Goncharov Kazakh Automobile and Road Institute (Kazakhstan) Kharkiv National Automobile and Highway University (Ukraine)	Design and structural analysis of heterogeneous composite materials for tribological applications	Erasyl Koszhanov Denys Kolobov	Ul'bala Murzakhmetova Diana Hlushkova	49,0

№	Institution of higher education, country	Title of work	Author (s)	Supervisor (s)	Average score
1	2	3	4	5	6
138.	State University of Applied Sciences in Konin (Poland) Mykolayiv National Agrarian University (Ukraine)	Application of polymer nanocomposites for the restoration of structural components in agricultural machinery	Kateryna Hlushchuk Andriy Rymbu	Tetiana Cherniavska Oleksandr Lyamar	49,0
139.	Sumy National Agrarian University (Ukraine)	Investigation of response time of a variable rate mineral fertilizer applicator to soil sensor data changes	Oleh Martymianov Andrii Kalachevskyy	Svitlana Khursenko	49,0
140.	National University of Civil Defence of Ukraine (Ukraine)	Features of oversight activities in agricultural enterprises	Yuliana Khalepa Viktoriia Shtukina	Bohdan Tsymbal	49,0
141.	Batumi Navigation Teaching University (Georgia) Mykolayiv National Agrarian University (Ukraine)	The impact of precision agriculture and mechanized technologies on increasing the efficiency of corn cultivation in Central Ukraine	Nogaideli Bakuri Maksym Yakovlev	Badri Gechbaia Antonina Haleeva	48,5
142.	Stepan Gzhytskyi National University of Veterinary Medicine and Biotechnologies Lviv (Ukraine)	Enhancement of crops harvesting project management	Kyryl Stakhij Nazar Sulym	Ivan Horodetskyi	48,5

№	Institution of higher education, country	Title of work	Author (s)	Supervisor (s)	Average score
1	2	3	4	5	6
143.	Central Ukrainian National Technical University (Ukraine)	Development and substantiation of parameters for a pneumo-gravity separator of grain mixtures	Dmytro Cherniaiev Roman Bassisty	Dmytro Petrenko	48,5
144.	Sumy State University (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Research on the technology of rolling-in of rotating parts with rollers	Mykhailo Synyahovskyi Oleksandr Lysenko	Vitalii Ivanov Oleksandra Zubiekhina-Khaiiat	48,5
145.	O.M. Beketov National University of Urban Economy in Kharkiv (Ukraine)	Analysis of the influence of the roof surface on the performance of a livestock farm photovoltaic station	Nazar Godovets Kliment Pokolenko	Olexandr Shkurpela	48,0
146.	Alecu Russo Balti State University (Moldova) Kharkov National Automobile and Highway University (Ukraine)	Corrosion resistance of high-strength cast irons	Artiom Breaahna Oleksandr Ivakhnenko	Vasyl Sharagov Nataliya Lalazarova	48,0
147.	Jiangsu Ocean University (China) Mykolayiv National Agrarian University (Ukraine)	Justification of the effectiveness of energy-saving technologies in the rapeseed cultivation system	Li Chengjing Yevgeny Komar	Ivan Bilyuk Vasyl Hruban	47,5
148.	Technical University of Košice (Slovak Republic) Mykolayiv National Agrarian University (Ukraine)	Rationale for implementing the proposed shredder-wiper designs in the technological process of tomato processing	Anna Mytsak Igor Shikalenko	Jan Pitel Mykyta Khramov	47,5

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1	2	3	4	5	6
149.	Technical University of Košice (Slovak Republic) Mykolayiv National Agrarian University (Ukraine)	Study of the technological features of grain harvesting with justification of the parameters and operating modes of a windrower	Tomáš Petro Serhiy Pylypenko	Michal Hatala Mykyta Khramov	47,5
150.	Technical University of Košice (Slovak Republic) Mykolayiv National Agrarian University (Ukraine)	Research on designs and improvement of devices for removing impurities in root and bulb crop harvesters	Filip Hudák Armen Avetisyan	Matus Gelatko Vasyl Hruban	47,5
151.	Sumy National Agrarian University (Ukraine)	Investigation into the efficiency of precision agriculture elements in corn seeding	Veronika Sheludchenko Oleksandr Yatsenko	Andrii Chepizhnyi Oleh Piskovyi	47,0
152.	Admiral Makarov National University of Shipbuilding (Ukraine) Mykolayiv National Agrarian University (Ukraine)	The influence of run on force factors in gear connections of machine units	Artem Ishchuk Viktor Shvydky	Olena Litosh Gennady Ivanov	47,0
153.	Polissia National University (Ukraine)	Substantiation of the design and technological parameters of a modular trunk cutter for the care of perennial plantings	Vadym Dem'yanchuk	Kostiantyn Borak	47,0

№	Institution of higher education, country	Title of work	Author (s)	Supervisor (s)	Average score
1	2	3	4	5	6
154.	Alecu Russo Balti State University (Moldova) Kharkov National Automobile and Highway University (Ukraine)	Research on wear-resistant materials for plasma spraying used in gas-abrasive wear conditions	Dmitri Panusa Kyrylo Sazonov	Vasyl Sharagov Diana Hlushkova	47,0
155.	Dniprovsky State Technical University (Ukraine)	Analysis of ways to improve the quality of electricity	Yaroslav Kapusta David Imbitsky	Yevhen Khmelnytsky	46,5
156.	Stepan Gzhytskyi National University of Veterinary Medicine and Biotechnologies Lviv (Ukraine)	Temperature oscillation of steel thermal strengthening	Maryan Dorosh Volodymyr Dovhun	Volodymyr Burtak	46,5
157.	ERI of the Dnipro State Academy of Civil Engineering and Architecture, Ukrainian State University of Science and Technology (Ukraine) Kharkiv National Automobile and Highway University (Ukraine)	Tribotechnical modification of piston rings using combined gas-thermal coatings based on molybdenum	Kateryna Popova Valentyn Dashutin	Volodymyr Volchuk Diana Hlushkova	46,5
158.	Sumy State University (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Study of the influence of the rigidity of the technological system when rolling parts on their accuracy	Illia Holovchenko Kirill Georgiev	Vitalii Ivanov Oleksandra Zubiekhina-Khaiiat	46,5

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1	2	3	4	5	6
159.	O.M. Beketov National University of Urban Economy in Kharkiv (Ukraine)	Research on the efficiency of the application of condensation and cogeneration cycles based on low-boiling working bodies for the utilization of poultry farm biogas	Dmytro Tytarenko Denys Remenyuk	Yana Forkun	46,5
160.	Dniprovsky State Technical University (Ukraine)	Study of the influence of the mechanism load on the positioning accuracy	Dmytro Sterlikov Yurii Shugai	Oleksandr Derets	46,0
161.	State University of Applied Sciences in Konin (Poland) Mykolayiv National Agrarian University (Ukraine)	Specifics of electron-beam boriding of low-carbon steels in a vacuum environment	Kushlik Albert Serhiy Kostyuk	Tetiana Cherniavska Oleksandr Lymar	46,0
162.	Admiral Makarov National University of Shipbuilding (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Restoration of agricultural machinery elements by replacing babbitt bushings of plain bearings	Veronika Malashevsk Matvey Golub	Anton Karpechenko Pavlo Polyansky	46,0
163.	Alecu Russo Balti State University (Moldova) Kharkov National Automobile and Highway University (Ukraine)	Improving the corrosion resistance of ferritic-austenitic steel pipes	David Grimailo Olha Perets	Vasyl Sharagov Diana Hlushkova	46,0
164.	National University of Life and Environmental Science of Ukraine (Ukraine)	Improvement of technological processes for the restoration of mower working parts based on the analysis of limit wear criteria	Roman Shevliuha Oleksandr Svysta	Yulii Revenko Valentyna Melnyk	45,5

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1	2	3	4	5	6
165.	Kyiv National University of Construction and Architecture (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Stress-strain analysis of pipeline elements	Vladyslav Matiakh Ruslan Hordovyi	Maksym Delembovskyi Olena Boychuk	45,5
166.	International Academies of Applied Sciences in Łomża (Poland) Kharkov National Automobile and Highway University (Ukraine)	Synthesis of wear-resistant composite layers on the friction surfaces of CPG components using high-temperature plasma spraying methods	Mark Vasiliev Oleksii Hantsev	Ireneusz Żuchowski Diana Hlushkova	45,5
167.	University of Life Sciences in Lublin (Poland) State Biotechnological University (Ukraine)	Mechanization of silage production with modernization of the braking system of a silage packer	Bartłomej Borowski Mykyta Uchaiev	Dariusz Andrejko Mykola Bakum	45,0
168.	ERI of the Dnipro State Academy of Civil Engineering and Architecture, Ukrainian State University of Science and Technology (Ukraine) Kharkiv National Automobile and Highway University (Ukraine)	Improving the performance of camshafts made of cast iron with vermicular graphite	Anna Vasylykova Denis Litovka	Volodymyr Volchuk Nataliia Lalazarova	45,0
169.	Batumi Navigation Teaching University (Georgia) Mykolayiv National Agrarian University (Ukraine)	Study of the effectiveness of modern grain harvesting machines in small and medium-sized farms	Osipov Giorgi Andriy Koshman	Badri Gechbaia Antonina Haleeva	44,5
170.	L. B. Goncharov Kazakh Automobile and Road Institute (Kazakhstan)	Optimization of the forming and sintering parameters for powder composites used in	Beibarys Tolegenov	Ul'bala Murzakhmetova	44,5

№	Institution of higher education, country	Title of work	Author (s)	Supervisor (s)	Average score
1	2	3	4	5	6
	Kharkiv National Automobile and Highway University (Ukraine)	precision engineering	Yaroslav Vovk	Diana Hlushkova	
171.	Batumi Navigation Teaching University (Georgia)	Optimization of the design and use of technical means to increase the efficiency of mechanized pea cultivation	Sulaberidze Nika	Badri Gechbaia	44,0
	Mykolayiv National Agrarian University (Ukraine)		Nikita Lygin	Antonina Haleeva	
172.	International Academies of Applied Sciences in Łomża (Poland)	Nanostructural modification and control of the functional properties of surface layers on heavy equipment components	Damian Dąbrowski	Marta Mazewska	44,0
	Kharkov National Automobile and Highway University (Ukraine)		Mykola Khvorost	Diana Hlushkova	
173.	Technical University of Košice (Slovak Republic)	Investigation of the technological features of grain harvesting with justification of the parameters and operating modes of a swath harvester	Silvia Hadušovská	Kamil Zidek	43,5
	Mykolayiv National Agrarian University (Ukraine)		Maksym Kobylyak	Mykyta Khramov	
174.	ERI of the Dnipro State Academy of Civil Engineering and Architecture, Ukrainian State University of Science and Technology (Ukraine)	Improving the machinability of high-chrome cast iron	Viacheslav Tabunets	Volodymyr Volchuk	43,0
	Kharkiv National Automobile and Highway University (Ukraine)		Artem Kryvenko	Nataliia Lalazarova	

№	Institution of higher education, country	Title of work	Author (s)	Supervisor (s)	Average score
1	2	3	4	5	6
175.	Kyiv National University of Construction and Architecture (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Static analysis of the strength and stability of a tower crane	Vadym Dych Leonid Orlovskiy	Maksym Delembovskyi Olena Boychuk	42,5
176.	Volodymyr Dahl East Ukrainian National University (Ukraine)	Modeling and optimization of operating modes of electric drives of agricultural equipment using load stands	Yaroslav Boronin Yuriy Chesnik	Julia Romanchenko	41,5
177.	Wroclaw University of Science and Technology (Poland) Mykolayiv National Agrarian University (Ukraine)	Improving the design of the root crop chopper in the feed preparation process	Jakub Lechocki Maksim Denysov	Anna Burduk Nataliia Dotsenko	41,0
178.	Sumy State University (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Study of the influence of the rigidity of the technological system in the rolling of machine parts	Yevhenii Diahovets Ivan Yanovich	Vitalii Ivanov Oleksandra Zubiekhina-Khariat	40,5
179.	Poznan University of Technology (Poland) Mykolayiv National Agrarian University (Ukraine)	Anti-friction composite coatings to protect machine parts from wear and corrosion	Paulina Dominiak Bohdan Chupryna	Justyna Trojanowska Dmytro Marchenko	40,5
180.	ERI of the Dnipro State Academy of Civil Engineering and Architecture,	Improving the corrosion and mechanical resistance of volumetric hydraulic drive	Artur Sydorenko	Volodymyr Volchuk	40,0

№	Institution of higher education, country	Title of work	Author (s)	Supervisor (s)	Average score
1	2	3	4	5	6
	Ukrainian State University of Science and Technology (Ukraine) Kharkiv National Automobile and Highway University (Ukraine)	components through ion-plasma modification	Illia Deineka	Diana Hlushkova	
181.	Dniprovsky State Technical University (Ukraine)	Synthesis of control systems for structurally unstable dynamic objects	Oleh Lygin Yevgen Sokurenko	Yukhim Roienko	39,5
182.	National University of Life and Environmental Science of Ukraine (Ukraine)	Technical condition assessment and advanced restoration technologies for turbocharger parts	Oleg Synehub Oleksandr Peresada	Pavlo Popyk Ruslan Kulpin	39,5
183.	Batumi Navigation Teaching University (Georgia) Mykolayiv National Agrarian University (Ukraine)	Innovative technologies and mechanized complexes to increase the efficiency of soybean cultivation in the conditions of Southern Ukraine	Putkaradze Ucha Maksym Radchenko	Badri Gechbaia Antonina Haleeva	38,5
184.	State Higher Vocational School in Chełm (Poland) National University of Water and Environmental Engineering (Ukraine)	Analysis of the influence of biodiesel fuels on the reliability and efficiency of the fuel equipment of diesel engines	Marcin Volnitskyi Andriy Gushpet	Jacek Cymerman Mykola Holotiuk	38,5
185.	Wroclaw University of Science and Technology (Poland)	Improving the water supply system for technological processes of livestock farms	Łukasz Chodyna	Anna Burduk	38,5

№	Institution of higher education, country	Title of work	Author (s)	Supervisor (s)	Average score
1	2	3	4	5	6
	Mykolayiv National Agrarian University (Ukraine)		Denys Kapusta	Nataliia Dotsenko	
186.	Poznan University of Technology (Poland) Mykolayiv National Agrarian University (Ukraine)	Modern methods for increasing wear resistance and mechanical strength of surface layers of metals in mechanical engineering	Maciej Wąsowicz Oleksandr Kobrin	Justyna Trojanowska Dmytro Marchenko	38,0
187.	Sumy State University (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Optimization of reliability and limit state parameters of parts under variable loading conditions	Denys Dubov Andriy Moiseenko	Vitalii Ivanov Pavlo Polyansky	37,5
188.	Poznan University of Technology (Poland) Mykolayiv National Agrarian University (Ukraine)	Improving the performance properties of steel machine parts through high-speed heat treatment	Zuzanna Grochowska Oleh Steblyuk	Justyna Trojanowska Dmytro Marchenko	37,5
189.	ERI of the Dnipro State Academy of Civil Engineering and Architecture, Ukrainian State University of Science and Technology (Ukraine) Kharkiv National Automobile and Highway University (Ukraine)	Implementation of laser treatment to improve the durability of piston rings for armored vehicles	Andrii Barylnyk Ihor Zviahintsev	Volodymyr Volchuk Diana Hlushkova	37,0
190.	Poznan University of Technology (Poland) Mykolayiv National Agrarian University (Ukraine)	Increasing the efficiency of manufacturing and monitoring the condition of cutting tools based on resource-saving technologies	Karol Karczewski Denys Shpakovs'kyi	Justyna Trojanowska Dmytro Marchenko	36,0

№	Institution of higher education, country	Title of work	Author (s)	Supervisor (s)	Average score
1	2	3	4	5	6
191.	Poznan University of Technology (Poland) Mykolayiv National Agrarian University (Ukraine)	The influence of design parameters of drilling tools on the performance and reliability of anchoring of workings	Julia Paprocka Maksym Yakovlyev	Justyna Trojanowska Dmytro Marchenko	35,5
192.	Wroclaw University of Science and Technology (Poland) Mykolayiv National Agrarian University (Ukraine)	Justification of the technological process of producing fermented milk cheese using an improved fermentation device	Hlib Korolikhin Anna Olarash	Anna Burduk Nataliia Dotsenko	33,5
193.	Polissia National University (Ukraine)	Improving the reliability of the working components of modern seeding systems	Denis Korinchuk	Kostiantyn Borak Maksym Zayets	33,0
194.	State Higher Vocational School in Chełm (Poland) National University of Water and Environmental Engineering (Ukraine)	Development of a deep loosening unit	Carolina Galka Yaroslav Stryk	Jacek Cymerman Oleh Bundza	33,0
195.	Kyiv National University of Construction and Architecture (Ukraine) Mykolayiv National Agrarian University (Ukraine)	Numerical determination of the stress-straightening state of bracket	Sofiia Zaremba Volodymyr Melnyk	Maksym Delembovskyi Olena Boychuk	31,5

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1	2	3	4	5	6
196.	State Higher Vocational School in Chełm (Poland) Mykolayiv National Agrarian University (Ukraine)	Increasing yields through the development of soil monitoring systems based on the internet of things (IOT)	Carolina Galka Vasyl Antonyuk	Jacek Cymerman Vitalii Pozhyvatenko	28,0
197.	State Higher Vocational School in Chełm (Poland) Mykolayiv National Agrarian University (Ukraine)	Optimizing the use of machine learning for yield forecasting	Natalia Yanka Yevhenii Hordiienko	Jacek Cymerman Vitalii Pozhyvatenko	21,0

Chairman of the Jury

Secretary of the Jury
May 15, 2026

Dmytro KOSHKIN

Pavlo POLYANSKY