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ГОСУДАРСТВЕННЫЙ
ПЕДАГОГИЧЕСКИЙ
УНИВЕРСИТЕТ
ИМ. В. П. АСТАФЬЕВА



РОССИЙСКИЙ И МЕЖДУНАРОДНЫЙ
СОЮЗ НАУЧНЫХ И ИНЖЕНЕРНЫХ
ОБЩЕСТВЕННЫХ ОБЪЕДИНЕНИЙ



СНЦ ДНЦ

Сибирский научный центр

ПРОГРАММА

II Международной конференции «ASEDU-II 2021: Перспективы развития науки, инженерии, естественно-научного, технического и цифрового образования» - «ASEDU-II 2021: II International Conference on Advances in Science, Engineering and Digital Education» 28 октября 2021 г.

Section 1. Natural science and education

ASEDU-II-1001	Improving the quality of training of physics teachers to attract applicants to physical specialties	Yekimov Sergey, Tsytko Victoria, Kuzminets Mykola, Timenko Volodimir, Tokin Oleksandr, Lapmeka Mykola, Haponenko Serhii	Publishing House "Education and Science" s.r.o., Czech Republic; National Transport University, Kyiv, Ukraine; Kamenets-Podilskyi National university Ivan Ogienko, Kamenets-Podilskyi, Ukraine
ASEDU-II-1002	The Value of the Humanitarian Potential of Physics for the Formation of the Professional Identity in the Framework of the Competence-based Approach	Irina P. Korneva	Kaliningrad State Technical University
ASEDU-II-1003	Nucleic acid melting signals processing	D. A. Belov, Yu. V. Belov, A. L. Zolkin, M. G. Grigoriev and A. K. Rakymzhan	Institute for Analytical Instrumentation of the Russian Academy of Sciences, St. Petersburg; Povolzhskiy State University of Telecommunications and Informatics, Samara; OPTIMUM LLC, Moscow, Russia; "National Centre for Neurosurgery", Nur-Sultan, Kazakhstan
ASEDU-II-1005	Effect of Critical Thinking on the Adaptation of a Young Science Teacher	M.V. Solodikhina, N.I. Odintsova, E.E. Odintsova and A.A. Solodikhina	Moscow Pedagogical State University (MSPU), Peoples' Friendship University of Russia (RUDN), National Research University Higher School of Economics (HSE), Moscow, Russia.
ASEDU-II-1006	Optimal Investment Allocation Problem	Oleg Malafeyev, Shirin AL Manai, Irina Zaitseva, Sergey Strekopytov, Lydia Novozhilova, Dmitry Kolesov	Saint Petersburg State University, Russian State Hydrometeorological University

ASEDU-II-1007	Methodology for Assessing Suppliers of Oil and Gas Equipment Based on Conformity Assessment Results	Tatiana A. Guseva, Alexander S. Panteleev	National University of Oil and Gas «Gubkin University», Moscow, Russia
ASEDU-II-1008	A Complex of Biological and Agrotechnical Methods when Using Herbicides on the Contamination of Winter Wheat in the Conditions of the Central Chernozem Zone	M Kotelnikova, Zh Bulanova, M Asadova, N Volobuyeva, A Vartanova.	Kursk State Agricultural Academy, Russia
ASEDU-II-1009	On the application of high-temperature steam flow for the processing of plastic waste	B. Kh. Tazmeev, O. N. Sokolenko, R. N. Tazmeeva	Kuban State Agrarian University named after I.T. Trubilin, Krasnodar; Kazan Federal University, Naberezhnye Chelny Institute, Russia
ASEDU-II-1010	Conditions for creating practical focus of the biological and pedagogical readiness of the future teacher	T I Kondaurova, N E Fetisova, A M Vedeneev, A V Zverev and N V Bocharnikova	Volgograd State Socio-Pedagogical University, Volgograd, Russian Federation
ASEDU-II-1011	Raman spectroscopy in the course of modern physics	G. M. Chulkova, E. B. Petrova	Moscow Pedagogical State University (MPGU), National Research University Higher School of Economics (HSE)
ASEDU-II-1012	Interactive Technologies of Teaching Disciplines of the Natural Science Cycle as a Means of Forming a Socially Adapted Student's Personality	Natalya V. Morgacheva , Elena B. Sotnikova, Sergey V. Shcherbatykh and Lydmila N. Shcherbatykh	Bunin Yelets State University, Yelets, Lipetsk region, Russian Federation
ASEDU-II-1013	Organisms and the environment in the conditions of urbanization	N Pimenov, M Lomskov, A Konovalov and R Ivannikova	Moscow State Academy of Veterinary Medicine and Biotechnology – MVA by K.I. Skryabin, Moscow, Russia
ASEDU-II-1014	Influence of Psychological Techniques on the Brain Rhythms and Face Temperature	N. M. Bogatov, A. N. Bogatova, S. A. Sukhih, L. R. Grigoryan,	Kuban State University, Krasnodar, Russia

		M. S. Kovalenko, A. A. Nosal and D. A. Schetinin	
ASEDU-II-1015	Management of a set of resources in educational organizations	I Ya Lvovich, Ya E Lvovich, A P Preobrazhenskiy, Yu P Preobrazhenskiy	Voronezh institute of high technologies, Voronezh state technical university
ASEDU-II-1016	Modern Educational Formats: Chemistry Teaching Based on the Case Method	S Popova, L Petrischeva and E Popova	Michurinsk State Agrarian University, Michurinsk, Russia
ASEDU-II-1017	Introduction to the Theory of Stochastic Processes: Studying the Basic Concepts	E. Kuznetsova, N. Zhbanova, T. Fomina, F. Golovaneva and T. Glushakova	Lipetsk State Technical University; Lipetsk State Technical University; Lipetsk State Pedagogical University named after P. P. Semenov-Tyan-Shansky, Lipetsk; Voronezh State University; Voronezh State University, Voronezh, Russia
ASEDU-II-1018	Pedagogical Principles of the Formation of Telecommunications Competence of Future Specialists of the Natural Science Profile	Dmitriy A. Tarov, Inna N. Tarova, Elena B. Sotnikova and Natalya V. Morgacheva	Bunin Yelets State University
ASEDU-II-1019	The Problem of the Proton Radius in the Framework of Numerical Solution of Dirac Equation for Electron in 1S State With the Exponential Proton Charge Distribution	A. P. Davydov, T.P. Zlydneva	Nosov Magnitogorsk State Technical University, Magnitogorsk, Russian Federation
ASEDU-II-1020	Reating a steam-water plasma flow using a gas discharge with a liquid electrolyte cathode	B. Tazmeev, Kh. Tazmeev , G. Tazmeev, R. Tazmееva, O. Sokolenko	Kuban State Agrarian University named after I.T. Trubilin, Krasnodar; Kazan Federal University, Naberezhnye Chelny Institute, Russia

ASEDU-II-1021	Inclusive Interaction in Working with Children with Special Learning Needs	L. M. Zakirova , L.Yu.Komarova, Irene Sibgatullina-Denis, O.Tatarinova	Kazan (Volga Region) Federal University, NaberezhnyeChelny, Russia;Federal State Budgetary Educational Institution of Higher Education «Moscow Pedagogical State University», Moscow, Russia, Kazan (Volga Region) Federal University, Kazan, Russia, Institute for intellectual integration, Vienna, Austria
ASEDU-II-1022	Training University Students for the Development of Innovative Products and Technologies	Irina A. Krutova, Galina P. Stefanova, Olesya Yu. Dergunova and Albina S. Ismukhambetova	Astrakhan State University, Astrakhan, Russia
ASEDU-II-1023	Practical Modeling and Simulation in Small Spacecraft Engineers Training	M.A. Barulina, D. V. Fomin, A.V. Golikov, D.O. Strukov, A.C. German, A.A. Ogorodnikov, S.A. Galkina	Institute of Precision Mechanics and Control, Russian Academy of Sciences, Saratov; Amur State University, Blagoveshchensk, Russia
ASEDU-II-1024	Formation of environmental culture among foreigners in czech language courses based on remote method of learning	Elkhova Oxana, Abdullaev Bakhodir, Gruzhevsky Valery, Zheltova Elena, Nianko Viktoriia	Dniprovsk State Technical University Dnipropetrovsk region, Kamianske, Ukraine
ASEDU-II-1025	The Prospects for Carrying Out Design and Research Activities When Solving Practical Planimetric Problems	Larisa Smirnova, Irina Kinzina, Tatiana Zlydneva and Aleksandr Tsaran	Nosov Magnitogorsk State Technical University, Magnitogorsk, Russia
ASEDU-II-1026	False Inflation Spiral and the Banking Sector	I.S.Polyakova, F.G.Khisamov	Kuban State Technological University
ASEDU-II-1027	Conceptual Contradictions in Astrophysics	Alexandra Snezhko, Maxim Antipin, Julia Anikina, Ivan	Reshetnev Siberian State University of Science and Technology; Siberian Fire and Rescue Academy; Siberian Federal University; Secondary

		Rozhnov and Tatiana Novitskaya	school number 106 with in-depth study of mathematics, Russia
ASEDU-II-1028	Investigation of multi-agent interaction processes in socio-demographic systems	I A Smirnov, O A Malafeyev, Yu A Kuperin I V Zaitseva, M G Leshchev4 and T N Uryadova	St. Petersburg University, Saint Petersburg St. Petersburg University, Russian State Hydrometeorological University, Stavropol State Agrarian University, Stavropol Federal State Budgetary Educational Institution of Higher Education «Moscow State Academy of Veterinary Medicine and Biotechnology - MVA named after K.I. Skryabin», Moscow, Russia
ASEDU-II-1029	Current Trends in Increasing the Biological Activity of Vaccine Strains of Bacillus Anthracis	Gulnora Navruzshoeva, Davud Devrishov, Nikolay Pimenov and Regina Ivannikova	The Shukshin Altai State Humanities Pedagogical University, Biysk; Peter the Great St. Petersburg Polytechnic University, Saint Petersburg Federal Research Center Krasnoyarsk Science Center of the Siberian Branch of the Russian Academy of Sciences; Krasnoyarsk State Pedagogical University named after V.P. Astafiev; Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russia
ASEDU-II-1030	Plague Inc. Game in Teaching Future Geography and Biology Teachers	E. A. Ereemeev, O. N. Makarova, P. V. Zakharov, E. N. Bavykina	
ASEDU-II-1031	On Methodological Backgrounds of Developing the School Research Competences at “The Basic Schools of the Russian Academy of Sciences”	O.V. Aleksandrova, E.V. Nefedova, V.V. Mineev, I.V. Gudovskiy and A.N. Kokorin	
ASEDU-II-1032	Introducing the Method of Searching for Plants to Students of Pedagogical Specialties in the Lipetsk Region	Tatyana Yu Petrisheva, Irina N Usacheva and Vyacheslav L Zakharov	Bunin Yelets State University, Yelets, Lipetsk region, Russian Federation
ASEDU-II-1033	Contemporary Education System in Africa: Achievements and Prospects	Nina G. Gavrilova	The Institute for African Studies (IAS), Moscow, Russia

ASEDU-II-1034	Critical behavior of the specific heat of GA1-XMNXAS ferromagnetic semiconductors.	Abdirimova Dilnoza Boltabayevna, Quryozov Furqat Odilbekovich, Ozodov Ravshonbek Oybekovich	Urgench branch of Tashkent Medical Academy, Uzbekistan
ASEDU-II-1035	Projects Didactic Potential in Higher Mathematics Course of Engineering Field	E. V. Borisova	Tver State Technical University, Tver, Russia
ASEDU-II-1036	Diagnostics of Mathematics Pre-service Teachers' Skills to Form Mathematical Literacy in Secondary Students	R. Nigmatulin, E. Sukhovienko, S. Sevostyanova and E. Martynova	South Ural State Humanitarian Pedagogical University, Chelyabinsk, Russia
ASEDU-II-1037	Research of the creative potential of bachelors of technical universities	Tatyana N Vinichenko, Maria A Kovaleva, Elena V Bezverkhaya and Taalaibek Y Matkerimov	Siberian Federal University, Krasnoyarsk, Russia, Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russia, Kyrgyz State Technical University? Kyrgyzstan M.K. Ammosov North-Eastern Federal University, Yakutsk, Russia; The Institute for Humanities Research and Indigenous Studies of the North, Russian Academy of Science, Yakutsk, Russia; Yakut State Agricultural Academy, Yakutsk, Russia; Kazan Federal University, Yelabuga, Russia; Minin State Pedagogical University
ASEDU-II-1038	Statistical Hypothesis Testing as an Instrument of Pedagogical Experiment	I. V. Nikolaeva, Yu. A. Sleptsov, I. V. Gogoleva, A. L. Mirzagitova, N. V. Bystrova, R. Yu. Tsarev	

of Nizhny Novgorod, Nizhny Novgorod, Russia; V.A. Trapeznikov Institute of Control Sciences of Russian Academy of Sciences, Moscow, Russia; International Academy of Science and Technologies, Moscow, Russia

Section 2. Engineering and vocational education

ASEDU-II-2001	Stress-Strain State Process Vessel in Case of Corrosion Wear and Change of Process Parameters	Marina Zakirnichnaya, Aleksey Rubtsov, Valeriy Dementev, Aygul Gabbasova and Kseniya Arkhipova	Ufa State Petroleum Technological University, Ufa, Russia
ASEDU-II-2002	Propagation of natural waves in extended viscoelastic plates of variable thickness	Muhsin Teshaev, Ismoil Safarov, Zafar Boltaev, Ra'no Sobirova and Tulkin Ruziev	Bukhara Engineering Technological Institute, Bukhara, Uzbekistan
ASEDU-II-2003	Introduction of Vision zero into transport complex	V V Kuleshov, A L Zolkin, A S Bityutskiy, V V Dragulenko and M S Chistyakov	FSBEI HE Omsk State Technical University, Omsk; Povolzhskiy State University of Telecommunications and Informatics, Samara, Russia; "Invent Technology" LLP, Almaty, Kazakhstan; Federal State Budgetary Educational Institution of Higher Education "Kuban State Agrarian University named after I.T. Trubilin", Krasnodar; Autonomous non-profit educational organization of higher professional education of the Tsentrosoyuz of the Russian Federation "Russian University of

			Cooperation" (Vladimir branch), Vladimir, Russia
ASEDU-II-2004	Analysis and Assessment of the Technical Conditions of Existing Buildings and Structures for Similar Buildings and Structures are Designed Using BIM Technology.	Dmitry P. Klochkov, Olga P. Radchenko and Alexander A. Lyashenko	Volgograd State Technical University, Volgograd, Russian Federation
ASEDU-II-2005	Natural vibrations of reinforced viscoelastic cylindrical shells with a viscoelastic filler. part 1	Sharif Akhmedov, Ikrom Tursunov, Uchqun Safarov, San'at Boltayev and Sherzod Hakimov	Bukhara Engineering Technological Institute, Bukhara, Uzbekistan
ASEDU-II-2006	On the action of normal moving load on a viscoelastic three-layer cylindrical shell	Zafar Boltayev, Ismoil Safarov, Muhsin Teshaev, Dilnora Sharipova and Tulkin Ruziyev	Bukhara Engineering Technological Institute, Bukhara, Uzbekistan
ASEDU-II-2007	Synthesis Algorithms for Adaptive-Modal Control Systems for Technological Objects With Delays	J. U. Sevinov, O. H. Boeva	Tashkent State Technical University, Tashkent; Navoiy State Mining Institute, Navoi, Uzbekistan
ASEDU-II-2008	Virtual distance laboratories for training bachelors with major electric power and electrical engineering (review)	I.V. Kovalenko, T.I. Tankovich, A.S. Amuzade, V.V. Shevchenko	Siberian Federal University, Krasnoyarsk

ASEDU-II-2009	Assessment of Factors and their Significance in Business Engineering that Affect the Digitalization Index	I. Isaeva, E. Shirinkina, V. Kozhevnikova and L. M. Bozhko	Surgut State University, Emperor Alexander I St. Petersburg State Transport University
ASEDU-II-2010	Cotton-Textile Cluster Enterprises use the Small Square Method in Forecasting Electricity Consumption	I.U.Rakhmonov, A.M.Najimova and K.M.Reymov	Tashkent State Technical University, Tashkent, Uzbekistan, Karakalpak State University, Nukus, Uzbekistan
ASEDU-II-2011	Forecast of Electrical Consumption in Cotton-Textile Cluster Enterprises Taking into Account the Volume of Production	I.U.Rakhmonov, A.M.Najimova	Tashkent State Technical University, Tashkent, Uzbekistan, Karakalpak State University, Nukus, Uzbekistan
ASEDU-II-2012	Continuity of Innovative Competencies in the System of Higher Engineering Education in the Aspect of Personnel Potential Formation	N. Yarushkina, E. Matyugina, M. Kosyreva	Tomsk Agricultural Institute, Tomsk, Russia, Novosibirsk State Agrarian University, Novosibirsk, Russia; Tomsk State University, Tomsk, Russia, Tomsk State University of Control Systems and Radioelectronics, Tomsk, Russia; Tomsk State University of Architecture and Building, Tomsk, Russia
ASEDU-II-2013	Mathematical Methods of Objective Evaluation of Test Results under Heterogeneous Conditions of their Implementation	R. V. Kuzmenko, S. I. Moiseev, D. Yu. Zolototrubov, V. G. Sannikov and A A Shcheka	Voronezh Institute of the Federal Penitentiary Service of Russia, Voronezh State Technical University, Vladimir State University named after Alexander and Nikolay Stoletovs

ASEDU-II-2014	Development of Mathematical and Software Parts for Control System of Synthesis of Methyl Tertiary Butyl Ether	E.A. Muravyova, M.I. Sharipov and A.A. Samikov	Ufa State Petroleum Technological University, Branch in Sterlitamak, Sterlitamak
ASEDU-II-2015	The entrepreneurial environment formation at the educational institution	K V Chepeleva and Zh N Shmeleva	Krasnoyarsk State Agrarian University, Krasnoyarsk, Russia
ASEDU-II-2016	Trends in Engineering Training in Higher Education	Natalia P Kuzmich	FSBEI HE Far Eastern State Agrarian University, Blagoveshchensk, Russia
ASEDU-II-2017	Communicative Potential of Online Educational Resources in the Process of Learning Foreign Languages	Elena Astapenko and Alissa Bedareva	Reshetnev Siberian State University of Science & Technology, Krasnoyarsk, Russia
ASEDU-II-2018	Condition monitoring of multi-apartment buildings	Svetlana A. Sazonova, Sergey D. Nikolenko, Eduard A. Chernikov, Sofya N. Dyakonova, Dmitry V. Sysoev, Alexander V. Lemeshkin and Andrey A. Minakov	Voronezh State Technical University; Voronezh State Technical University; Voronezh State Forestry University named after G. F. Morozov; Voronezh State Technical University; Voronezh State Technical University; Voronezh State University of Engineering Technologies; Voronezh State Technical University, Voronezh, Russia
ASEDU-II-2019	Inspection of project documentation during the construction of an apartment building	Svetlana A. Sazonova, Sergey D. Nikolenko, Anna A. Meshcheryakova, Leonid V. Stenyukhin, Dmitry V. Sysoev, Alexander V. Lemeshkin and Alexander A. Osipov	Voronezh State Technical University; Voronezh State Technical University; Voronezh State Forestry University named after G. F. Morozov; Voronezh State Technical University; Voronezh State Technical University; Voronezh State University of Engineering Technologies; Voronezh

			State Technical University, Voronezh, Russia
ASEDU-II-2020	Strength analysis of the flat cover of the hatch of the apparatus at different positions of scratches on the surface and degrees of corrosion wear	Aleksey Rubtsov, Petr Kulakov, Veronika Gracheva, Vitaliy Afanasenko and Marina Bikmukhametova	Ufa State Petroleum Technological University, Ufa, Russia
ASEDU-II-2021	Implementation of STEAM Approach within the Framework of Educational Engineering Methodology	A. S. Dorofeeva, I. D. Rudinsky, O. V. Parakhina and O. Ja. Kravets	Immanuel Kant Baltic Federal University, Voronezh State Technical University
ASEDU-II-2022	Neuroimmune Method of the Event Analysis and Correlation in the Analysis System of Information Security Incidents	V. A. Chastikova and A. I. Mityugov	Kuban State Technological University, Krasnodar, Russia
ASEDU-II-2023	Additive Manufacturing Is As an Important Component of Innovative Engineering Education	A. G. Mukhametzyanova, L. A. Smirnova, V. V. Bronskaya and O. S. Kharitonova	Kazan National Research Technological University, Kazan Federal University, Kazan, Russia
ASEDU-II-2024	Formation of a specialized competence centre "CAD Engineering Design" on the basis of Kazan National Research Technological University	A. G. Mukhametzyanova, V. V. Bronskaya and O. S. Kharitonova	Kazan National Research Technological University, Kazan Federal University, Kazan, Russia
ASEDU-II-2025	Engineering Education and the Mission of Public Disciplines in the Educational Process	T.A. Zolotareva	North Caucasus Federal University, Stavropol, Russia

ASEDU-II-2026	Mathematical simulation of calculation of a brake shoe for equivalent concentrated dynamic load	Sharif Akhmedov, Shavkat Almuratov, Mavlon Avezov, Habiba Tuxtayeva and Farhod Hamidov	Bukhara Engineering Technological Institute, Bukhara, Uzbekistan
ASEDU-II-2027	The Potential of Universities as Resource Centers in the Agile Teacher Training for Organizing STEM Projects for School Students	E.V. Dudysheva, O.V. Solnyshkova	Shukshin Altai State University for Humanities and Pedagogy, Biysk, Russia; Novosibirsk State University of Architecture and Civil Engineering (Sibstrin), Novosibirsk, Russia; Novosibirsk State University of Economics and Management, Novosibirsk, Russia
ASEDU-II-2028	Axial Forces in Refiners at Grind of Fibrous Materials	S N Vikharev	Department of technical mechanics and technologies machine industry, Ural State Forest Engineering University, Siberian tract, 37, Ekaterinburg, 620100, Russia
ASEDU-II-2029	Telemarketing Automation Based on the MIKO IP-Telephony Module	T.V. Gladkikh, L.A. Korobova, S.N. Chernyaeva, I.S. Tolstova, E.S.Pracheva	Voronezh State University of Engineering Technologies, Voronezh, Russia
ASEDU-II-2030	An Example of Practical Training in the Discipline "Wastewater Treatment" for Students in the Field of Construction Engineering	Mikhail Dyagelev	Department of Water supply and water treatment, Kalashnikov Izhevsk State Technical University
ASEDU-II-2031	Methodology Of Teaching Applied Mechanics	Narzullo Bibutov, Azizjon Khojiev and Zafar Asraev	Bukhara Engineering Technological Institute, Bukhara, Uzbekistan
ASEDU-II-2032	Systematization of Technical Systems by Criterion of Quality Target Functioning	Yu. A. Antokhina and A. G. Varzhapetyan	Saint-Petersburg State University of Aerospace Instrumentation, Saint-Petersburg, Russia

ASEDU-II-2033	Method of Improving Operating Reliability of Refinery Process Equipment	Zinur Mukhametzyanov, Aleksey Rubtsov, Petr Kulakov and Vitaliy Afanasenko	Ufa State Petroleum Technological University, Ufa, Russia
ASEDU-II-2034	Development Of Mathematical Model Of Drying The Raw Cotton During Transportation In Pipeline By Hot Air Flow	Nazirjon Safarov and Ilkhomjon Mirsultonov	Namangan Engineering Technological Institute, Namangan, Uzbekistan
ASEDU-II-2035	Study of Technical Systems Under Impact Installation Loads	Zinur Mukhametzyanov, Aleksey Rubtsov, Petr Kulakov and Vitaliy Afanasenko	Ufa State Petroleum Technological University, Ufa, Russia
ASEDU-II-2036	Project activity based on blog technologies for engineering training programs	Nataliya Poddubnaya, Irina Zaitseva, Svetlana Molchanenko, Natalia Zakharova, Vladimir Zakharov and Sergei Shmatko	Stavropol State Agrarian University, Russian State Hydrometeorological University, Stavropol State Pedagogical Institute, North-Caucasus federal university
ASEDU-II-2037	Effective methods of increasing professional skills in distance learning	K.D. Dauletukaeva, A.U. Mentsiev and T.G. Aygumov	Chechen State Pedagogical University, Chechen State University, Dagestan State Technical University
ASEDU-II-2038	Development of the design of a planetary edge milling cutter	Y.O. Kravchenko, Y.I. Gordeev, V.F. Garifullin, A.I. Zuevskaya	Siberian Federal University, 79 Svobodny pr., Reshetnev Siberian State University of Science and Technology, 31 Krasnoyarskij rabochij pr., Krasnoyarsk, Russia
ASEDU-II-2039	Theoretical Studies Of Spinline Parameters	Nurilla Dadakhanov	Namangan Engineering Technological Institute, Namangan, Uzbekistan
ASEDU-II-2040	Drum Type Ultrasonic Dryers	Vladimir N. Khmelev, Andrey V. Shalunov, Sergey A. Terentiev, Viktor A. Nesterov	Biysk Technological Institute (branch) of FSBEI of HE «Altai state technical university named after I.I. Polzunov», Biysk, Russia

ASEDU-II-2041	Didactic Specialties of Teaching Economics at the Technical University	O. B. Shilovich, A. G. Alekseenko, O. N. Likhacheva, V. P. Zyza, R. A. Avdeeva, I. F. Dedkova	Kuban State Technological University, Krasnodar, Russia; Kuban State Agrarian University named after I. T. Trubilin, Krasnodar, Russia; Academy of Marketing and Social and Information Technologies "IMSIT", Krasnodar, Russia; Kuban State University, Krasnodar, Russia
ASEDU-II-2042	Hydrodynamic Investigation on Contact Device with Inclined Plates in Mass Transfer and Heat Exchange Columns	I. N. Madyshev, V. V. Kharkov, N. Z. Dubkova and M. G. Kuznetsov	Kazan National Research Technological University; Kazan State Agrarian University, Kazan, Russia
ASEDU-II-2043	Numerical Simulation of Spatial Heat Transfer in Brickworks with Linear Heating Cable	E. Ivanova and N. Mescheulov	Tomsk State University of Architecture and Building, Tomsk, Russia
ASEDU-II-2044	The History of Scientific and Philosophical Thought as the Integration Basis of STEM Education	V.V. Mineev, O.V. Aleksandrova, E.V. Nefedova and A.N. Kokorin	Federal Research Center Krasnoyarsk Science Center of the Siberian Branch of the Russian Academy of Sciences; Krasnoyarsk State Pedagogical University named after V.P. Astafiev; Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russia
ASEDU-II-2045	Improving the quality of education in higher educational institutions with the using innovative educational technologies	Dilafruz Sayfullaeva, Akmal Zhuraev, Dilafruz Jalolova and Ikbol Savrieva	Bukhara State University, Bukhara Engineering Technological Institute, Bukhara, Uzbekistan
ASEDU-II-2046	General Approach To Reduce The Influence Of Conductivity Field Reconstruction Artifacts In	Grayr Aleksanyan, Andrey Katsupeev, Danil Peregorodiev and Victor Kucherov	Platov South-Russian State Polytechnic University (NPI), Novocherkassk, Russia

Electrical Impedance
Tomography Systems

ASEDU-II-2047	Digital Transformation Of The Organization Structure Of The Company	V.A. Yushmanova, M.S. Adamenko, V.I. Litovchenko	Reshetnev Siberian State University of Science and Technology
ASEDU-II-2048	Application of Active Forms and Methods of Teaching in Bachelor's Degree Programs in the Direction of "Biotechnical Systems and Technologies"	E.V. Sakhabieva, R.A. Gazizov, E.S. Yamaleeva	Kazan National Research Technological University
ASEDU-II-2049	Teaching Professional English to Master's Students of Engineering in the Frame of Blended Learning	V. A. Grigoryeva-Golubeva, E. K. Silina and E. A. Surinova	St. Petersburg State Marine Technical university, St. Petersburg, Russia
ASEDU-II-2050	Engineering-Oriented Approach for Effective Industrial and Educational Communications in the Development of New Master's Programs	Svetlana Yu. Piskorskaya, Igor V. Kovalev, Anna A. Voroshilova, Oleslav A. Antamoshkin and Alexander S. Kuznetsov	Reshetnev Siberian State University of Science and Technology, Krasnoyarsk Science and Technology City Hall, Siberian Federal University, Krasnoyarsk State Agrarian University, Krasnoyarsk, Russia
ASEDU-II-2051	Education Game Development Technology Training	N.S. Livak and A.M. Portnyagina	Reshetnev Siberian State University of Science&Technology, Krasnoyarsk, Russia
ASEDU-II-2052	Robotic wheel design for passing obstacles based on motion simulations	Magomedov Islam Arbievich	Chechen State University

ASEDU-II-2053	Contemporary Topics of Life Long Agrarian Education Under Digital Innovation Conditions	Tatyana Lemeshko, Tatyana Fomina, Tatyana Ostapchuk, Yulia Tsarapkina and Olga Ivashova	Russian State Agrarian University – Moscow Timiryazev Agricultural Academy, Timiryazevskaya Str., 49, Moscow, 127550, Russia
ASEDU-II-2054	Approaches to Developing Creative Thinking Skills in Students at an Engineering University	G.R.Khusainova, V.V. Bronskaya	Kazan National Research Technological University
ASEDU-II-2055	Algorithm for determining the measurement signal amplitude values in conditions of interference in electrical impedance tomography	G. K. Aleksanyan, I. D. Shcherbakov, G. A. Stolbovoy and N. S. Elkin	Platov South-Russian State Polytechnic University (NPI)
ASEDU-II-2056	Development of Engineering University Educator’s Creativity within the Framework of the Discipline “Innovations in Engineering Pedagogy”	Guzel R. Khusainova	Kazan National Research Technological University
ASEDU-II-2057	Teaching Translation and Interpreting in Aerospace Field: Experience and Analysis	K.G. Ibragimova and A.M. Ivanova	Moscow Aviation Institute (National Research University), Moscow, Russia

Section 3. Digital transformations in science and education: new trends and technologies

ASEDU-II-3001	Key Areas for Professional Development of Teaching Staff in the Field of Digital Technologies	Marina A. Bitner, Pavel S.Lomasko, Olga A. Fadeeva	Krasnoyarsk State Pedagogical University named after V.P. Astafyev, Siberian Federal University, Krasnoyarsk Regional Institute for Advanced Studies and Professional Retraining of Educators, Krasnoyarsk, Russia
ASEDU-II-3002	The Substantiation of The Necessity to Develop Faculty's Digital Competence on the Example of Higher Educational Institution of Technical and Natural-Scientific Profile	Zh.N. Shmeleva	Krasnoyarsk State Agrarian University, Krasnoyarsk, Russia
ASEDU-II-3003	Improvement of E-Learning Software at EPAM Systems Company	L. S. Vereschagina, L. A. Olhova, A. E. Mahmetova, E. A. Padalka and O. Yu. Zaslavskaya	Saratov State Technical University named after Yuri Gagarin, Volga Region Cooperative Institute (branch) of Russian University of Cooperation, Moscow City University
ASEDU-II-3004	Event-based Analysis of Innovative Behavior for Student Project Management	A. V. Ivaschenko, A. V. Chuvakov, M. V. Aleksandrova and I. A. Aksenov	Samara State Technical University, Vladimir State University named after Alexander and Nikolay Stoletovs
ASEDU-II-3005	Digital Ecosystem Innovation in Consumer Lending in Russia	Olga M. Korobeynikova, Dmitry. A. Korobeynikov, Oleg V. Lunyakov, Tatyana A. Dugina, and Yuriy A. Kozenko	Volgograd State Technical University, Volgograd, Volgograd State Agrarian University, Volgograd, Financial University under the Government of the Russian Federation, Moscow, Volgograd State University, Volgograd

ASEDU-II-3006	The Possibilities of Using Virtual Reality When Introducing Students to Scientific Activities in Physics	P. V. Zakharov, Yu. V. Bebikhov, A.S. Semenov, E. A. Ereemeev, A.S. Kochkin	The Shukshin Altai State Humanities Pedagogical University, Biysk; Peter the Great St. Petersburg Polytechnic University, St. Petersburg; Mirny Polytechnic Institute (branch) of North-Eastern Federal University, Mirny; Altai State University, Barnaul, Russia
ASEDU-II-3007	Transformation of Higher Education Management System with Regard to Covid-19 Pandemic Experience	D A Petrusevich	MIREA - Russian Technological University
ASEDU-II-3008	The Use of Virtual Reality in the Simulator of Maintenance and Repair Technical Components	Vladislav D. Radchenko, Renat R. Kokov	Military innovative technopolis «ERA», Anapa, Russia
ASEDU-II-3009	Conditions For The Implementation Of The Digital Transformation Of The Russian Educational System	A.A. Sazonov; L.V. Mikhailova; E.V. Dzhamay	Moscow Aviation Institute (National Research University); Central Institute of Aviation Motors
ASEDU-II-3010	Trends in the Digital Transformation of the Russian Education System in a New Technological and Economic order	M.V. Sazonova; N.V. Kazakova; N.B. Zemlyanskaya	Moscow Aviation Institute (National Research University)
ASEDU-II-3011	Communication and Self-management Skills as Metaprofessional Competences of Would-be Engineers	Efremkina, O. Vagaeva, E. Liksina, N. Saratovtseva and N. Galimullina	Penza State Technological University, Penza; Kazan National Research Technical University named after A.N. Tupolev – KAI, Kazan, Russia

ASEDU-II-3012	Farm Machinery Depot: Opportunity to Implement Digital Technologies in Agriculture	Yulia Korotkikh, Roman Egorov, Vera Ryabchikova, Oleg Vinogradov, Aleksey A. Zaitsev	Russian State Agrarian University – Moscow Timiryazev Agricultural Academy, Federal State Educational Institution of Higher Education Moscow, Russia
ASEDU-II-3013	Intelligent Analysis of Educational Data in the Adaptive E-Learning Environment	I. A. Andrianov, A. V. Rzhetskiy, A. M. Polianskii, M. V. Kharina and S. N. Mamedov	Vologda State University, Vladimir State University named after Alexander and Nikolay Stoletovs
ASEDU-II-3014	The use of educational multimedia technologies in the study of a foreign language	Ekimov Sergiy	Oles Honchar Dnipro National University Dnipro, Ukraine
ASEDU-II-3015	Management of Scientific and Educational Systems of Intellectual Integration "Digital Region-Digital University"	O. Riabov, I. Sibgatullina-Denis, A. Vančova, E. Sadretdinova	Federal State Budgetary Educational Institution of Higher Education «Moscow Pedagogical State University», Moscow, Russia; Institute of Special Education Studies, Faculty of Education, Comenius University, Bratislava, Slovakia; Kazan (Volga Region) Federal University, Kazan, Russia; Institute for intellectual integration, Vienna, Austria
ASEDU-II-3016	Femtosecond Laser Micromachining Complex Based on a Telecommunication Network	R. V. Chkalov and D. G. Chkalova	Vladimir State University Named After Alexander and Nikolay Stoletovs, Vladimir, Russia

ASEDU-II-3017	Methodology and Analysis of the Emotional State of Future Public Servants in E-Learning Conditions	B. A. Kondratenko, A. B. Kondratenko, I. D. Rudinskiy, L. L. Karama and O. Ja. Kravets	Russian Presidential Academy of National Economy and Public Administration, Kuznetsov Naval Academy in Kaliningrad, Immanuel Kant Baltic Federal University, Voronezh State Technical University Ammosov North-Eastern Federal University, Yakutsk, Russian Federation; Kazan Federal University, Naberezhnye Chelny, Russian Federation; Oktem branch of the Arctic GATU, Oktem, Russian Federation
ASEDU-II-3018	Identifying Factors and Risk Sources of Pedagogical Activity in Conditions of Digitalization	O. Chorosova, R. Aetdinova, R. Gerasimova, G. Protodyakonova, V. Struchkov, V. Osipova and M. Olesova	Shukshin Altai State University for Humanities and Pedagogy, Biysk; Peter the Great St. Petersburg Polytechnic University, St. Petersburg; ASMU of the Ministry of Health of the Russian Federation, Barnaul; Mirny Polytechnic Institute (branch) of North-Eastern Federal University, Mirny; Novokuznetsk Branch-Institute of Kemerovo State University, Novokuznetsk, Russia
ASEDU-II-3019	Molecular Dynamics Method as an Additional Educational Tool in the Course of Solid State Physics	P.V. Zakharov, U.I. Yankovskaya, Yu. V. Bebikhov, A.S. Semenov, A.V. Markidonov	Northern (Arctic) Federal University named after M. V. Lomonosov, Arkhangelsk, Russia; Regional specialized boarding school for gifted children with in-depth study of various subjects, Aktau, Kazakhstan
ASEDU-II-3020	Network Mentoring as a Condition for the Organizing Remote Interaction of Student Members within the Project Team	Maria Shabanova, Rosa Atamuratova, Marina Belorukova, Raisa Ovchinnikova, Svetlana Malysheva, Maria Pavlova, Nina Patronova	Krasnoyarsk State Pedagogical University named after V.P. Astafieva, Siberian Federal University, Krasnoyarsk, Russia
ASEDU-II-3021	Monitoring the Digital Educational Environment in the Context of Education Transformation	Vladimir Adolf, Larisa Turanova and Andrey Styugin	

ASEDU-II-3022	About One Approach to Create Personally Centered Educational Resources Based on a Question-Problem Knowledge Tree	Daria Barkhatova, Liudmila Khegay, Kirill Narchuganov	Krasnoyarsk State Pedagogical University named after V. P. Astafyev, Siberian Federal University
ASEDU-II-3023	Mental Technology of Digital Transformation of Education	Nikolay I.Pak	Krasnoyarsk State Pedagogical University named after V.R. Astafiev,
ASEDU-II-3024	Analysis of approaches to evaluate the quality of distant educational services	Kolbina A.D., Chetyrkina N.Yu., Nizamieva M.A.	St. Petersburg State University of Economics, St. Petersburg; Kazan State University of Architecture and Engineering, Kazan, Russia
ASEDU-II-3025	Adaptation Problems During the Transition to Distance Foreign Language Learning of a Technical University Students	Leyla M. Goyushova, Daria M. Kapustina	Moscow Aviation Institute (National Research University), Moscow, Russia
ASEDU-II-3026	Modeling IP Networks of Various Levels of Complexity Using Cisco Equipment	A. A. Levchuk, L. V. Prosviryakova, A. A. Dmitriev	Irkutsk National Research Technical University
ASEDU-II-3027	Distance Learning of Foreign Languages in a Technological University and its Evolution during the Pandemic COVID-19	I. Osliakova, N. Ioffe and O. Abaydullina	Russian Technological University, Moscow, Russia

ASEDU-II-3028	Formation of metasubject results of primary school students at computer science lessons in a digital distributed information and educational environment conditions	Ekaterina G. Potupchik, Anna L. Simonova, Pavel S. Lomasko	Gymnasium № 9, Krasnoyarsk, Russia; Krasnoyarsk State Pedagogical University named after V.P. Astafiev, Krasnoyarsk, Russia
ASEDU-II-3029	Digital Technologies in the Krasnoyarsk Territory Agriculture: the Cooperation Experience between Science and Education	Alexander V. Bobrovskiy, Alexey G. Lipshin, Natalia S. Kozulina, Albina V. Vasilenko, Alexander A. Kryuchkov	Krasnoyarsk Scientific Research Institute of Agriculture, the Separate Division of the Federal Research Center "Krasnoyarsk Scientific Center of the Siberian Branch of the Russian Academy of Sciences", Krasnoyarsk, Russian Federation
ASEDU-II-3030	Creation of a Simulation Stand for Studying of the Internet of Things' Technologies	O.S Isaeva, N.V. Kulyasov and S.V. Isaev	Institute of Computational Modeling SB RAS, Krasnoyarsk, Russia
ASEDU-II-3031	Transformation of The Right to Higher Education in The Conditions Of Digitalization Of The Educational Environment: Regional Experience	Irina A. Khronova and Tatiana N. Chunikhina	Kuban State Technological University, Krasnodar, Russian Federation
ASEDU-II-3033	Formation of Information Competence of a Lawyer: Problems and Solutions	G. B. Khasanova	Kazan National Research Technological University, Kazan, Russia
ASEDU-II-3034	Digital Educational Track Formation Methodology	N.S. Livak, A.S. Kubrikova	Reshetnev Siberian State University of Science and Technology

ASEDU-II-3035	Integration Of Toponymic Data Into Linguistic Digital Education	I.A. Martynenko and O.G. Zlobina	Kutafin Moscow State Law University (MSAL), Moscow, Russia
ASEDU-II-3036	The Usage of Digital Educational Technologies for the Future Radio Engineers Preparation	Alena K. Dashkova, Vadim F. Garifullin, Felix V. Zander	Engineering Physics and Radioelectronics Institute of the Siberian Federal University; Joint-Stock Company 'Scientific and Production Enterprise "Radiosviaz", Krasnoyarsk, Russia Kazan National Research Technical University named after A.N. Tupolev – KAI, Kazan; Kazan Innovative University named after V.G. Timiryasov, Kazan; Orel State University named after I.S. Turgenev, Orel; Orel State University named after I.S. Turgenev, Orel; Orel branch of Emperor Alexander I St. Petersburg State Transport University, Orel, Russia
ASEDU-II-3037	Russian MOOCs in the Russian Education System	Nadiia M. Galimullina, Olga N. Korshunova, Ilseiar R. Feoktistova, Tatyana E. Melnik and Denis E. Lomakin	Timiryasov, Kazan; Orel State University named after I.S. Turgenev, Orel; Orel State University named after I.S. Turgenev, Orel; Orel branch of Emperor Alexander I St. Petersburg State Transport University, Orel, Russia
ASEDU-II-3038	A New Educational Theory and Digital Technologies in Teaching at a University	Natalia Barsukova, Anna Ostapenko, Irina Vorobeva and Irina Umanets	Pacific National University, Khabarovsk, Russia
ASEDU-II-3039	Distance Learning Solutions for Foreign Language Courses (the Case of Czech University of Life Sciences Prague)	L. Kucirkova, A. Drebitkova-Mala, A.Yu. Alipichev, N. A. Sergeeva, and O. V. Takanova	Czech University of Life Sciences, Prague, Czech Republic; Russian State Agrarian University – Moscow Timiryazev Agricultural Academy, Moscow, Russia

ASEDU-II-3040	Similarity Based Text Extractive Summarization Using Relevance Measure and Semantic Analysis	A. Ivanov, V. Rozaliev and D. Polevoi	Moscow Institute of Physics and Technology, Moscow, Russia; Volgograd State Technical University, Volgograd, Russia
ASEDU-II-3041	Institutional complementarity and diversity of general innovation systems	D. V. Polevoi and V. L. Rozaliev	Moscow Institute of Physics and Technology, Moscow, Russia; Volgograd State Technical University, Volgograd, Russia
ASEDU-II-3042	A nonformal model of data security threats during the operational-search measure "Surveillance" using unmanned aerial vehicles	D. A. Mityushin	Institute of Information Science and Safety Technologies of Russian State University for the Humanities, Moscow, Russia
ASEDU-II-3043	Research On The Social And Economic Development Of Regions Using Neural Networks	Valerii S. Losev, Elena V. Tolkacheva	Pacific National University, Khabarovsk; Russian Presidential Academy of National Economy and Public Administration, Moscow, Russian
ASEDU-II-3044	Application of Innovative Methods in the Formation of Intercultural Competencies among Students of Higher Educational Institutions in the Digital Educational Environment	Marina V. Neparko	Kaluga State University named after K.E. Tsiolkovsky, Kaluga, Russia
ASEDU-II-3045	E-learning in a Globalizing World: New Methods of Teaching Socio-economic or Social Science Disciplines	A. V. Tolochko, O. V. Levashova, O. N. Grishaeva, S. S. Fomenko	Bunin Yelets State University

ASEDU-II-3046	A System for Evaluating Student Learning Outcomes with a Differentiated Approach Using the LMS Moodle Electronic Educational Platform	E. A. Petrakova, T. V. Divina and M. U. Beliakova	Moscow Polytechnic University, Moscow, Russia; The Russian Presidential Academy of National Economy and Public Administration, Moscow, Russia
ASEDU-II-3047	LMS Moodle “Quiz” Exercises to Develop Listening Skills when Teaching Foreign Language in Non-linguistic University	Natalia V. Khudolei	Krasnoyarsk State Agrarian University, Krasnoyarsk, Russia
ASEDU-II-3048	Electronic information and educational environment as a means of organizing distance learning	Igor Skripnik, Yuriy Ksenofontov, Tatyana Kaverzneva, Natalia Leonova, Valeriy Balabanov and Nicolay Bozhuk	Saint-Petersburg University of State Fire Service of EMERCOM of Russia; Peter the Great St.Petersburg Polytechnic University, Admiral Makarov State University of Maritime and Inland Shipping, Saint-Petersburg, Russia
ASEDU-II-3049	Formation of Modern Engineers Digital Competencies	Oxana Servetnik, Alla Pletukhina, Oxana Velts, Elena Tsyganko, Yulia Kuznetsova, Alexey Pletukhin	North-Caucasus Federal University, Stavropol, Admiral Ushakov Maritime State University, Novorossiysk, Russian Federation
ASEDU-II-3050	Teaching Professionally-Oriented Vocabulary to Students of Non-linguistic University through E-learning Course	Svetlana A. Kapsargina	Krasnoyarsk State Agrarian University
ASEDU-II-3051	The Use of Digital Technologies in the Inclusive Education Implementation at the University	Vasilina I. Litovchenko, Zhanna N. Shmeleva	Krasnoyarsk State Agrarian University; Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russia

ASEDU-II-3052	Digital Generation in the Dialogue of Traditional and Digital Education in Modern Russia	A. Mikhailova, L. Shlyakhtova, A. Pavlov, E. Nikiforova and L. Kuleva	Pskov State University, Pskov; Pskov State University (Velikiye Luki branch), Velikiye Luki; Pskov State University (Velikiye Luki branch), Velikiye Luki; Velikiye Luki State Agricultural Academy, Velikiye Luki; Velikiye Luki State Agricultural Academy, Velikiye Luki, Russia
ASEDU-II-3053	Analysis of Cisco and Huawei Computer Network Simulation Software Shells	K. A. Osipov, L. V. Prosviriakova, A. A. Dmitriev	Irkutsk National Research Technical University
ASEDU-II-3054	Promoting Online Interactions of Foreign Language Learners in A Computer-Mediated Learning Environment	O.A. Solovyova, A.Yu. Alipichev, N.A. Sergeeva, and A.N. Zakharova	Minsk State Linguistic University, Belarus; Russian State Agrarian University - Moscow Timiryazev Agricultural Academy, Moscow, Russia; Moscow Aviation Institute, Moscow, Russia
ASEDU-II-3055	The Digital Culture Development Problem Actualization among Pedagogical Students	V. N. Mezinov, M. A. Zakharova and N. A. Nekhoroshih	Yelets State Ivan Bunin University, Yelets, Russia
ASEDU-II-3056	The use of information technologies for distance education in the study of a foreign language	Ekimov Sergiy	;Dniprovsk State Technical University Dnipropetrovsk region ,Kamianske, Ukraine
ASEDU-II-3057	Pedagogical conditions for the development of diagnostic competence of future special education teacher	Viktor Hladush ,Viera Šilonová, Klein Vladimír, Olga Bench, Hloba Aleksandr	Catholic university in Ruzomberk, Slovak Republic, Drahoňov National Pedagogical University, Kyiv

ASEDU-II-3058	Foreign Language Course Modeling within the Master's Training in the Context of Education Digitalization	Zh.B.Esmurzaeva, I.V.Kulamikhina, E.A.Abrosimova, J.Vigna-Taglianti, N.V.Gavrilova	Omsk State Agrarian University named after P.A. Stolypin, Russian State Agrarian University - Moscow Timiryazev Agricultural Academy
ASEDU-II-3059	Multi-Agent Simulation for IT Projects Team Building and Control	A. K. Montellano, T. V. Nikiforova, Yu. V. Bukanova, A. V. Ivaschenko and D. V. Knyazev	Samara State Technical University, Moscow state university of civil engineering
ASEDU-II-3060	Digitalization and Professional Training: Experience of the Moscow Aviation Institute	R.R. Anamova, L.V. Bykov	Moscow Aviation Institute (National Research University), Moscow, Russia
ASEDU-II-3061	Developing an Information System for Filing and Presenting Graduate Qualification Papers of University Students	Vladimir Glagolev, Ruslan Bazhenov, Burulbubu Biymursaeva, Dmitrii Zhuravlev, Olga Dolmatova and Natalia Bazhenova	Sholom-Aleichem Priamursky State University, Birobidzhan; Primorskaya State Academy of Agriculture, Ussuriisk; Omsk State Agrarian University named after P.A. Stolypin, Russia; Almaty Technological University, Almaty, Republic of Kazakhstan
ASEDU-II-3062	Digital technologies as a means of developing technical abilities in children with writing impairments in an inclusive education	Elena Merzon, Olga Shterts, Irene Sibgatullina-Denis and Zhanna Sharafullina	Kazan (Volga Region) Federal University, Institute for intellectual integration, Tuva State University, St.Petersburg Academy of Postgraduate Pedagogical
ASEDU-II-3063	Criteria for Development of the Pedagogical Model for Inmate Subculture Expansion Counteracting based on Neural Network	D. S. Ponomarev, S. B. Ponomarev, V. E. Polishchuk, E. V. Dyuzheva, A. A. Burt and I. Yu. Sandalov	Federal State Institution Research Institute of the Federal Penitentiary Service of Russia, Moscow, Russia; Kalashnikov Izhevsk State Technical University, Izhevsk, Russia

ASEDU-II-3064	Distance learning and methods of its development	E.R. Guzueva, T.R. Magomaev and M.V. Eskieva	Chechen State University, GTSU named after Acad. M.D. Millionschikov
ASEDU-II-3065	Internet Corporate Social Responsibility in the Context of Digital Transformation	Yang Yang	Faculty of management, Southern Federal University, Rostov-on-Don, Russia
ASEDU-II-3066	Differentiated approach in development of the health-preserving culture formation method in Russian penitentiary system staff training	A A Burt, I Yu Sandalov, S B Ponomarev, E V Dyuzheva, V E Polishchuk and D S Ponomarev	Federal State Institution Research Institute of the Federal Penitentiary Service of Russia, Moscow, Russia; Kalashnikov Izhevsk State Technical University, Izhevsk, Russia
ASEDU-II-3067	Teaching mathematical cycle disciplines in the context of the development of the digital educational environment	Elena N Trofimets	Saint-Petersburg university of State fire service of EMERCOM of Russia, Saint-Petersburg, Russia
ASEDU-II-3068	Internal Audit and Control in the System of Economic Security in Conditions of Digitalization of the Economy	Olga V. Mamatelashvili ¹ , Nafisa M. Kuchukova	1Ufa State Petroleum Technological University, Ufa, Russia
ASEDU-II-3069	Prospective Functional Role Model of the Teacher	Anna Bagachuk, Yulia Bocharova and Olesya Berseneva	Krasnoyarsk State Pedagogical University n.a. V.P. Astafiev, Krasnoyarsk, Russia

ASEDU-II-3070	Development of a Virtual Laboratory Facility for Distance Learning in Metrology	A. S. Frolov, O. V. Karlova, N. V. Benko, P. A. Bilyuba and D. V. Syromolotov	Reshetnev Siberian State University of Science and Technology 31, prospect "Krasnoyarsky rabochy ", Krasnoyarsk, 660037, Russia
ASEDU-II-3071	The Use of a Digital Educational and Information System and Innovative Techniques in Improving the Literacy of Foreign Students of Technical Specialties	Elena S. Mikheeva, Julia M. Kalinina	Peoples' Friendship University of Russia (RUDN University)
ASEDU-II-3072	Applying the hierarchy analysis method to evaluate learning outcomes	Tatiana V. Divina, Ekaterina A. Petrakova and Alexander V.Cherskov	Academy of Labor and Social Relations, Moscow, Russia; Moscow Polytechnic University, Moscow, Russia
ASEDU-II-3073	Designing of Personalized Digital Educational Environment Based on Neural Network Technologies	Vera I.Toktarova, Olesya G. Popova	Mari State University
ASEDU-II-3074	Creation of distance learning software for assessing the learning outcomes of future engineers based on the "smart" technology	Azam Alimov, Abdurashid Turgunov, Zafar Chorshanbiev, Anvar Jamolov and Sodik Olimov	Bukhara Engineering Technological Institute, Bukhara, Ministry of Innovative Development of the Republic of Uzbekistan, Tashkent, Karshi Engineering and Economic Institute, Karshi, Institute of Pedagogical Innovation, Retraining and Professional Development of Managing and Pedagogical Personnel of Professional Education, Tashkent, Uzbekistan

ASEDU-II-3075	Prospects for Sustainable Development of Russian Engineering Universities in the Context of Several Industrial Revolutions	Kirill Epifantsev	1Saint-Petersburg university of aerospace instrumentation, Saint-Petersburg, Russia
ASEDU-II-3076	Technologies Of the Information Transformation Of the Education During the COVID-19 Pandemic	I V Vishnyakova, V V Bronskaya, D S Balzamor, A A Lubnina, O S Kharitonova, R S Shaikhetdinova and L E Khairullina	Kazan National Research Technological University, Kazan Federal University, Kazan State Power Engineering University, Kazan, Russia
ASEDU-II-3077	Application of the Ontological Approach to the Design of Automated Systems in Education	A.A. Popov, E. M. Gritsenko, E. Trishkina, V.D. Demidyuk and N.A. Maltseva	Reshetnev Siberian State University of Science and Technology 31, prospect "Krasnoyarsky rabochy ", Krasnoyarsk, 660037, Russia
ASEDU-II-3078	About Didactic Materials Creation for the Discipline "Engineering Graphics" based on Augmented Reality Technology	R.R. Anamova, A.V. Dubrovin	Moscow Aviation Institute (National Research University), Moscow, Russia
ASEDU-II-3079	Digital Transformation of Higher Education in Developed Countries	I.Y. Khramova, Y.A. Grinevich, A.V. Vinogradova	Lobachevsky State University of Nizhny Novgorod
ASEDU-II-3080	Automated Online Learning System with Virtual School Attendance Control	A.A. Popov, M.M. Satsuk, A.A. Artyshko, D. E. Mironov and K. S. Ivanova	Reshetnev Siberian State University of Science and Technology 31, prospect "Krasnoyarsky rabochy ", Krasnoyarsk, 660037, Russia

ASEDU-II-3081	Gamification in Teaching EFL through Computer Games and Augmented Reality	M.V.Arhipova, E. V. Zhulina , O. R. Zhernovaya, N. I.Dunaeva, O. A. Orlova and G. Y. Tolonkina	Minin Nizhny Novgorod State Pedagogical University, Nizhny Novgorod; Lobachevsky National Research Nizhny Novgorod State University, Nizhny Novgorod; St Petersburg University, Saint Petersburg, Russia
ASEDU-II-3082	Interactive and Digital Teaching Methods of International Students in Communication with Patients	N. A. Kloktunova, M. I. Barsukova and A. Ya. Ramazanova	Federal State Budgetary Educational Institution of Higher Education "Saratov State Medical University named after V.I. Razumovsky ", Saratov, Russian Federation
ASEDU-II-3083	Algorithmization of the Formation of Creative Potential of Bachelors	T. Komissarova and A. Skvortsov	Pushkin Leningrad state University, Saint Petersburg, Russia
ASEDU-II-3084	The Electronic information and educational environment at a technical university	Mariia N. Gusarova, Olga G. Savka and Svetlana V. Gorkush	MIREA-Russian Technological University, Moscow, Russia
ASEDU-II-3085	Visualization of educational information as a methodology of learning in higher school	E. Gadzhieva and T. Komissarova	Pushkin Leningrad state University, Saint Petersburg, Russia
ASEDU-II-3086	Digital Skills Development as a Basis for Sustainable Education Development	A. U. Mentsiev, T. G. Aygumov and K.D. Dauletukaeva	Chechen State University, Grozny; Dagestan State Technical University, Makhachkala; Chechen State Pedagogical University, Grozny.

ASEDU-II-3087	Guidelines for Developing Recommendations on Changing 'Multimedia Technologies' Course Content According to Data Analysis of Job Regional Open Positions on hh.ru Site	Natalia Levchenko, Saltanat Dzhaparova, Nelly Sedova, Victor Sedov, Ruslan Bazhenov and Olga Chuyko	Maritime State University named after admiral G.I. Nevelskoy, Vladivostok, Russia; K.Tynysntanov Issykkul State University, Karakol, Kyrgyzstan; Sholom-Aleichem Priamursky State University, Birobidzhan; Khabarovsk State University of Economics and Law, Khabarovsk, Russia
ASEDU-II-3088	Big Data Processing Technology by Means of Content Analysis when Teaching Foreign Students at the University of agricultural profile	N. Proshko, O. Obukhova, E. Zhenevskaiia	FSBEI HE Primorsky State Agricultural Academy, Russia, Ussuriysk
ASEDU-II-3089	Implementation of the Digital Twin of Educational Business Processes on the ELMA BPMS Platform	Mikhail G. Dorrer	Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russian Federation
ASEDU-II-3090	Study of the Dynamics of the Maturity Level of the Educational Organization of Secondary Vocational Education	Tatyana A. Boyarskaya, Mikhail G. Dorrer	Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russian Federation
ASEDU-II-3091	An Adapted Model for Assessing the Maturity of a Higher Education Organization	Ekaterina M. Gritcenko, Mikhail G. Dorrer, Dinara I. Kovanenko, Vladislav I. Kovanenko	Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russian Federation
ASEDU-II-3092	Conditions for the Successful Mastering of Virtual Reality Technology by Schoolchildren	O. N. Makarova, E. A. Ereemeev	The Shukshin Altai State Humanities Pedagogical University, Biysk

ASEDU-II-3093	"Organization of Safe Work of Students in a Digital	Ирина Трусей, Владимир Адольф	Krasnoyarsk state pedagogical university, Krasnoyarsk, Russia
ASEDU-II-3094	Educational Environment"	E.E. Chupandina, A.V. Kuzemkina, E.V. Boldyreva, M.S. Kurolap, I.V. Protasova, A.S. Chernikova and T.I. Zhuravleva	Voronezh State University, Voronezh, Russian Federation
ASEDU-II-3095	Informational Technologies Use Experience in the Educational Process in Voronezh State University	E. V. Morozenskaya, L. N. Kalinichenko	Centre for Transition Economy Studies, Institute for African Studies of the Russian Academy of Sciences, Moscow, Russia
ASEDU-II-3096	The Role of Scientific and Educational Strategies in Innovative Environment Formation in Africa	Anastasia Yu. Ryakhovskaya, Natalia N. Obraz, Anna V. Gracheva	Bryansk Petrovsky State University, Bryansk, Russia
ASEDU-II-3097	Selection of Information and Communication Technologies to Improve Language Training of University Students	Magomedov Islam Arbievich	Chechen State University
ASEDU-II-3098	Blockchain technology and its common threats	O.V. Semaeva, R.F. Azmetova, V.N. Novikova and M.E. Ivanova	Federal State Budget Educational Institution of Higher Education National Research University Moscow Power Ingeneering Institute, Moscow, Russia. Non-Profit Private Educational Institution of Higher Education Synergy, Moscow, Russia; Federal State Budget Educational Institution of Higher Education K.G. Razumovsky

			Moscow State University of Technologies and Management (the First Cossack University), Moscow, Russia; Plekhanov State University of Economics, Moscow, Russia
ASEDU-II-3099	Digital teaching tools as a means of improving the effectiveness of teaching foreign languages in non-linguistic universities	Alina Kazanskaya, Tatyana Makarenaya, Yana Nalesnaya, Svetlana Petrenko, Roman Andrienko	Southern Federal University, Taganrog, Russia
ASEDU-II-3100	Video Conferencing as a New Way of Organization Educational Process in Music Professional Education	Elizaveta V. Danilina, Ekaterina V. Milkina	Russian Technological University (RTU MIREA)

Section 4. Computer science and education

ASEDU-II-4001	Application of system analysis method in the program of web-oriented education	V. D. Munister, A. L. Zolkin, R. A. Verbitskiy, A.S. Bityutskiy and O. S. Buryakova	Mariupol State University, Mariupol; State educational institution of higher professional education "Donetsk National Technical University", Pokrovsk, Donetsk region, Ukraine; Povolzhskiy State University of Telecommunications and Informatics, Samara; MIREA - Russian Technological University, Moscow;
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ASEDU-
II-4002 Gamification in Teaching Historical
Disciplines: from the Experience of
the Timiryazev Academy

A. Orishev, A. Mamedov, A. Grachev, N.
Pichuzhkin, M. Sherstyuk

ASEDU-
II-4003 Development of a game simulator for
the formation of labor needs in older
preschool children

O. A. Gladkova, S. N. Kostarev and O. V.
Kochetova

"Invent Technology"
LLP, Almaty,
Kazakhstan; Service
and Enterprise
Institute (branch) of
DSTU in Shakhty,
Shakhty, Rostov
region, Russia

Russian State
Agrarian University –
Moscow Timiryazev
Agricultural Academy,
Moscow, Russia

Perm State
Humanitarian
Pedagogical
University; Perm State
Agrarian-
Technological

University named after
academician D N
Prianishnikov; Perm
Military Institute of
National Guard Troops
of the Russian
Federation; Perm
National Research
Polytechnic University;
Perm Institute of the
FPS of Russia, Perm,
Russia

ASEDU-II-4004	Options for using the maple computer algebra system in cryptology training	A A Olenev, K A Kirichek , E V Potekhina, N V Grivennaya and O V Pelikh	Stavropol State Pedagogical Institute, Russia;2A Ufa State Petroleum Technological University, Branch of the University in the City of Oktyabrsky, Oktyabrsky, Russian Federation Federal State Budgetary Educational Institution of Higher Education «Perm State Agro-Technological University named after Academician D.N. Pryanishnikov» Tashkent university of Information technologies named after Muhammad al-Khwarizmi(TUIT) Russian State Agrarian University - Moscow Timiryazev Agricultural Academy, Moscow, Russia; Volokolamsk agricultural College «Kholmogorka», Ivanovskoe, Russia; Krasnoyarsk state agrarian university, Krasnoyarsk, Russia;
ASEDU-II-4005	Professional Informational Autonomy's Formation of Higher School Students	E. V. Chabanova	
ASEDU-II-4006	Parallel Algorithm for Calculating the Learning Processes of an Artificial Neural Network	O.U. Mallayev	
ASEDU-II-4007	Digital Transformations in Education as a Component of Professional Retraining of Students Over 50 Years Old	M. Tsarapkina, A.V. Anisimova, A.G. Mironov, A.M. Kireycheva and M.E. Akmambetova	

			Moscow Region State University, Moscow, Russia; Astrakhan State University, Astrakhan, Russia
ASEDU-II-4008	Automated Information System for Teaching Programming Languages	E. N. Davydova, A. P. Sergushicheva, A. M. Polianskii, S. Yu. Rzheutskaya and D. N. Meshkov	Vologda State University, Vladimir State University named after Alexander and Nikolay Stoletovs
ASEDU-II-4009	The Concept of a Hardware and Software Complex for Monitoring the Security Characteristics of Confidential Information During Negotiations in the Office	Alexey V. Yakovlev, Maria V. Moiseeva, Alexey P. Ryzhkov and Kristina A. Merkusheva	Tambov State Technical University, Tambov, Russia
ASEDU-II-4010	Preliminary Study of Algorithmization at Primary School in the Scratch Environment	V. Vexler, R. Bazhenov, G. Kuldysheva, V. Masyagin, I. Fominykh and V. Maximov	Saratov State University, Saratov; Sholom-Aleichem Priamursky State University, Birobidzhan, Russia; Osh State University, Osh, Kyrgyz Republic; Omsk State Technical University, Omsk; Mari State University, Yoshkar-Ola; North-Eastern Federal University, Yakutsk, Russia

ASEDU-II-4011	Individualization of Teaching Computer Science to Students of a Technical University	O. Ja. Kravets, V. F. Barabanov, T. N. Nedikova, Yu. S. Akinina, A. V. Barabanov, S A Oleinikova and R. S. Streltsov	Voronezh State Technical University, Vladimir State University named after Alexander and Nikolay Stoletovs
ASEDU-II-4012	Developing a Learning System with Gamification Elements	L. A. Korobova, I. S. Tolstova, S. N. Chernyayeva, N. V. Datsenko, E. A. Savvina, I. A. Matytsina	FSBEI HE "Voronezh State University of Engineering Technologies", Voronezh, Russia
ASEDU-II-4013	Information and Communication Technologies in the Implementation of Physical Education in the University	Marina Katrenko, Yulia Zhuravleva, Elena Evmenenko, Denis Savin, Nadezhda Tkacheva, Svetlana Ivanova, Evgeniya Yaroshenko	FGAOU VO North-Caucasian Federal University, Stavropol, Pyatigorsk Medical and Pharmaceutical Institute-a branch of FGBOU Volgograd State Medical University of the MoHRF, GBUDPO Stavropol Territory Institute for the Development of Education, Further Training and Retraining of Education Workers, Stavropol, GBOU VO Stavropol State Pedagogical Institute, Stavropol, FGBOU Volgograd State Medical University, Ministry of Health of Russia, Volgograd,

			FSBEI HE Stavropol State Agrarian University, Stavropol, Russia
ASEDU-II-4014	A Digital Model of the Educational Process Based on a Cognitive Approach	G. Dorrer and A. Dorrer	Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russia
ASEDU-II-4015	Features of the part of a competent approach to teaching physicists based on the use of songs in learning English	Holinska Tetiana, Soter Mariia, Strohal Tetiana, Kholodenko Olena, Babiy Sergiy	Kherson State University, Kherson, Ukraine, Admiral Makarov National University of Shipbuilding, Mykolaiv, Ukraine, Dragomanov National Pedagogical University, Kyiv, Ukraine, Dragomanov National Pedagogical University, Kyiv, Ukraine, Taras Shevchenko National University of Kyiv, yiv, Ukraine, South Ural University of Technology; South Ural State University; South Ural University of Technology; South Ural University of Technology; South
ASEDU-II-4016	Supplementary Vocational Education as a New Knowledge Source for Technological Innovation	Konstantin O. Sokolov, Mfrina I. Sokolova, Danila V. Valko, Ekaterina A. Skachkova, Elena A. Kozhushko	

			Ural University of Technology Chelyabinsk, Russia
ASEDU-II-4017	Monitoring of children's independent work in the system of additional education through digital technologies	V.A. Adolf, M.G. Yanova and J.A. Olentsova	Krasnoyarsk state pedagogical university, Krasnoyarsk state agrarian university, Krasnoyarsk, Russia
ASEDU-II-4018	Methods of Choosing Study Innovative Areas	O.I. Antamoshkina, J.A. Olentsova, A.V. Rozhkova	Krasnoyarsk state agrarian university
ASEDU-II-4019	Increasing the motivation of students to work independently through gamification	M.G. Yanova and J.A. Olentsova	Krasnoyarsk state pedagogical university, Krasnoyarsk state agrarian university, Krasnoyarsk, Russia
ASEDU-II-4020	Theoretical and Practical Aspects of Building a Platform for Collecting, Storing, Transferring and Analyzing Information about the Operation of Technological Equipment in Digital Production	P.A. Nikishechkin, A.N. Nikich	Moscow State University of Technology "STANKIN", Moscow, Russia
ASEDU-II-4021	Digitalization of educational process organization within the framework of development of system for recognition of trainees' faces in educational institution	Elena Rezak and Svetlana Pankrateva	Pacific National University; Far Eastern Institute of Management - branch of the Russian Academy of National Economy and Public

			Administration, Khabarovsk, Russia
ASEDU-II-4022	Readiness of Secondary School Teachers to Work in a Virtual Inclusive Environment	Tatiana Y. Chetverikova, Olga S. Kuzmina, Helena V. Lopanova and Natalia V. Savina	Omsk State Pedagogical University, Omsk, Russia
ASEDU-II-4023	The Use of Computer Mathematics Systems to Teach Numerical Methods to Students at the University	K. Anisimov, A. Shevchenko, E. Anisimova, O. Ryazanova	Rubtsovsk Institute (branch department) Altai state university, Rubtsovsk, Russia
ASEDU-II-4024	Investigation of methods for solving systems of nonlinear equations in mathcad	Elena N Trofimets	Saint-Petersburg university of State fire service of EMERCOM of Russia, Saint-Petersburg, Russia
ASEDU-II-4025	Problem for medical system with infinite zone potential in the half line	Allaberganov Odilbek Rakhimovich, Rakhimov Bakhtiyar Saidovich, Sobirova Sabokhat Kabulovna, Rakhimova Feroza Bakhtiyarovna, Saidov Atabek Bakhtiyarovich	Urgench branch of Tashkent University of Information Technologies named after Muhammad al-Khwaremi, Urgench branch of Tashkent Medical academy
ASEDU-II-4026	Algorithms for multilingual analysis of the uniqueness of texts based on lexically related information components	I V Kovalev, D I Kovalev, A A Voroshilova, N A Testoyedov, S G Efa	Siberian Federal University, Krasnoyarsk State Agrarian University, Krasnoyarsk, Russia China Aviation

			<p>Industry General Aircraft Zhejiang Institute Co., Ltd, China, Reshetnev Siberian State University of Science and Technology, Krasnoyarsk Science and Technology City Hall, Krasnoyarsk, Russia</p> <p>JSC "Academician M F Reshetnev Information satellite systems", Zheleznogorsk, Russia</p>
<p>ASEDU-II-4027</p>	<p>Development of an Interactive English Language Learning System Using VR Technologies</p>	<p>A.A. Popov, E. M. Gritsenko and E. Trishkina</p>	<p>Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russia</p>
<p>ASEDU-II-4029</p>	<p>Virtual Reality Technology in the Educational Process of Medical Equipment Engineers</p>	<p>A.Pushkareva, T.Mamelina,E.Abuvalov,E.Verstakov,E.Popadyev</p>	<p>Penza State Technological University, Penza, Russia</p>
<p>ASEDU-II-4030</p>	<p>Reducing the dimension of the feature space for the classification problem using a genetic programming algorithm</p>	<p>O D Melnikova, D A Tausnev, L V Lipinskiy and A S Polyakova</p>	<p>Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russia; Prof. V. F. Voino-Yasenetsky Krasnoyarsk State Medical University, Krasnoyarsk, Russia;</p>

ASEDU-
II-4031

Comparative analysis of the effectiveness of classical and neural network approaches to vectorization of text in solving classification problems

P A Sherstnev, A S Polyakova and L V Lipinskiy

Bekhterev National Medical Research Center of Psychiatry and Neurology, Ministry of Health of Russia, Saint Petersburg, Russia; Peoples' Friendship University of Russia, Moscow, Russia Reshetnev Siberian State University of Science and Technology, Krasnoyarsk, Russia; Prof. V. F. Voino-Yasenetsky Krasnoyarsk State Medical University, Krasnoyarsk, Russia; Bekhterev National Medical Research Center of Psychiatry and Neurology, Ministry of Health of Russia, Saint Petersburg, Russia; Peoples' Friendship University of Russia, Moscow, Russia

ASEDU-
II-4032

Learning Management Systems in 2020-2021: Problems, Challenges and Prospects

E.S. Khrabrova, E.D. Selifonova, T.V. Antonova

Bryansk State University

ASEDU- II-4033	Formation of a Digital Footprint Based on Gamification in Professional Self-Determination of Preschool and School Age Children	Elena L. Perchenko, Tatyana V. Gudina and Paul S Vakhrameev	Cherepovets State University, Cherepovets, Russia
ASEDU- II-4034	Model of continuous training of engineering personnel of a technical university	Gulnaz Shafikova and Artur Suleymanov	FSBEI of HE “Ufa State Petroleum Technological University”, Ufa, Russia Siberian Federal University, Krasnoyarsk, Russian Federation; Krasnoyarsk State Pedagogical University named after V. P. Astafiev, Krasnoyarsk, Russian Federation
ASEDU- II-4035	Online course promoting healthy living among teachers in the Far North	L. M. Turanova, A. A. Styugin, A. V. Shkodin	Cherepovets State University, Cherepovets, Russia
ASEDU- II-4036	Game mechanics of gamification in the formation of the digital footprint of younger schoolchildren in the process of career guidance.	N. Goltsova, E. Yakovleva, V. Ivanov	Cherepovets State University, Cherepovets, Russia

Section 6. Physics and Environmental Science

6001-APITECH- 1026	Magnetic isotope of magnesium 25Mg enhances levofloxacin	U G Letuta, and V L Berdinskiy	Orenburg State University, Orenburg, Russia
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6002-APITECH- - 2081	Efficiency of positron-emission tomography with 18F-DOPA for Parkinson's disease diagnostics	K.O.Tutsenko, A.A.Horoshavina, V.G.Abramov, M.E.Tunik, N.V.Chanchikova, E.A.Karlova, D.V.Pohabov and M.G.Sadovsky	V.F.Voino-Yasenetsky Krasnoyarsk state medical university, Krasnoyarsk, Russia; Almazov National Medical Research Centre, St.-Peterburg, Russia; Federal Siberian research and clinic center of FMBA, 4Institute of computational modelling of SB RAS, Krasnoyarsk. Russia
6003-APITECH- - 2082	Non-linear statistics technique to differ the patients with Parkinson disease from essential tremor through kinesthetic and olfactory data	A.A.Horoshavina, K.O.Tutsenko, V.G.Abramov, M.E.Tunik, D.V.Pohabov, M.G.Sadovsky	Almazov National Medical Research Centre, St-Peterburg, Russia, V.F.Voino-Yasenetsky Krasnoyarsk state medical university, Federal Siberian research and clinic center of FMBA and Institute of computational modelling of SB RAS, Krasnoyarsk, Russia
6004-APITECH- - 2076	Development of geoinformation database "Republic of Khakassia" to create decision support systems	A A Golubnichiy, V A Myasoedova, D Y Kopteva, I S Zamulin	Katanov Khakass State University, Abakan, 655017, Russia
6005-APITECH- - 3042	Multi-aspect model for lean manufacturing implementation	E V Shirinkina, A V Kuramshina, N L Antonova and O Ja Kravets Masharipov Shodlik Masharipovich, Ruzmatov Kakhramon Raimberganovich, Ametova Biybisuliw Xamidullaevna, Djumaniyazova Nigina Aminbay qizi, Kenjayeva Zarifa Suyunovna	Surgut State University, Voronezh State Technical University
6006-APITECH- - 4019	Verification of food testing methods in the operations of accredited testing laboratories according to ISO/IEC 17025:2017		Tashkent State Technical University named after Islam Karimov, Tashkent city, 100095, University str., 2

6007-APITECH- - 2017	Selection of informative parameters of the performed movements according to the data of the wearable device in biometric authentication	A V Grecheneva and N V Dorofeev	Vladimir State University, Murom, Russian Federation
6008-APITECH- - 2002	The use of information systems in the implementation of the possibilities of the concept of "smart city"	P V Limarev, Yu A Limareva, E G Zinovyeva, V V Vikulina and I A Aksenov	Nosov Magnitogorsk State Technical University; Vladimir State University named after Alexander and Nikolay Stoletovs
6009-APITECH- 2006	Comparative analysis of software systems for intelligent operator support at the upper management level	D S Sinyukov, A D Danilov and I A Aksenov	Branch JSC Rosenergoatom Novovoronezh Nuclear Power Plant; Voronezh State Technical University; Vladimir State University named after Alexander and Nikolay Stoletovs Computing System Research and Development Institute; Mechanical Engineering Research Institute of the Russian Academy of Sciences;
6010-APITECH- - 2019	Mathematical models and algorithms for the design and realization of the projects for oil and gas industry in the uncertain environment (in conditions of Vietnam)	S.A. Sorokin, V E Bolnokin, I D Eroshok, Duong Minh Hai and R S Streltsov	Bauman Moscow State Technical University; Naval Technical Institute, Viet Nam; Vladimir State University named after Alexander and Nikolay Stoletovs
6011-APITECH- 2042	Information system for monitoring and analysis automation of organizations' security	O Yu Frantsisko, K O Ternavshchenko, N V Khodarinova, V L Shaposhnikov and G N Martynenko	Kuban State Agrarian University named after I.T. Trubilin, Kuban State Technological University, Krasnodar Cooperative Institute (branch) Russian University of Cooperation, Voronezh State Technical University
6012-APITECH- 4004	Water quality problems in the hot water supply system of Kirovsk	M A Razakov, V.A. Khokhlov	National Research University "MPEI"; Moscow State University of Civil Engineering, Moscow, Russia

6013-APITECH-2075	The method of adapting user interfaces to the terminology of the subject area in educational SMART systems	Larisa Gennadjevna Gagarina, Julia Sergeevna Shevnina, Svetlana Nikolaevna Litvinova	1. National Research University of Electronic Technology, Moscow, Zelenograd, Russia. 2. Zelenograd Branch-Institute of Business Administration, Moscow City Pedagogical University, Moscow, Zelenograd, Russia
6014-APITECH-4005	Selecting an Operation Mode in the Main Pipeline Section to Reduce Electricity Costs Application of the method of metaontologies in the intellectual	P A Churikova, N A Mamedova and M A Afanasev	Plekhanov Russian University of Economics, Moscow, Russia
6015-APITECH-2059	analysis of text resources considering the fuzziness and blurring of images of natural language units	A A Dzyubanenko and A V Rabin	Saint-Petersburg State University of Aerospace Instrumentation, Saint-Petersburg, Russia
6016-APITECH-3046	Development of the mobile application for recognizing of road signs	D A Shabalina, D E Lomakin, D N Gribkov, E V Alexandrova and Z V Meksheneva	Vyatka State University, Kirov, Russia; Orel State University named after I.S. Turgenev, Orel, Russia; Orel State Institute of Culture, Orel, Russia; Federal State Budget Educational Establishment of Higher Education Orel State Agrarian University named after N.V. Parakhin, Orel, Russia; Non-state Private Educational Institution of Higher Professional Education Moscow University for Industry and Finance «Synergy», Moscow, Russia
6017-APITECH-4018	Ecoengineering in the agro-industrial sector on arid territories	E Yu Anisimova, G V Fedotova, I F Gorlov, M I Slozenkina, N I Mosolova and A A Mosolov	Volga Region Research Institute of Manufacture and Processing of Meat-and-Milk Production, Plekhanov Russian University of Economics

6018-APITECH-4012	The system analysis of a viral pandemic hierarchical processes	S Nguyen-Kuok and V E Bolnokin	VinIT Institute of Technology, Hanoi, Vietnam; Mechanical Engineering Research Institute of the Russian Academy of Sciences
6019-APITECH-4029	Development of a management decision-making model under conditions of plant power control	V A Shishkin, M V Alenichev, A D Danilov, K Y Gusev and S N Mamedov	
6021-APITECH-3092	Making products from secondary raw materials - is a resource saving factor	Nigora Gafurova	Bukhara Engineering Technological Institute, Bukhara, Uzbekistan
6022-APITECH-4013	Biochemical activity and level of microbial toxicosis of soils after application of microbiological fertilizer	NV Fomina	Krasnoyarsk State Agrarian University, Krasnoyarsk, Russia
6023-APITECH-3055	Development of the software to improve the accuracy of emotion recognition	E V Soboleva, T N Suvorova, E V Lebedeva, M V Petuchova and T V Masharova	Vyatka State University, Kirov, Russia; Moscow City University, Moscow, Russia ; Orel State University named after I.S. Turgenev, Orel, Russia; Russian State Agrarian University– Moscow Timiryazev Agricultural Academy, Moscow, Russia; Moscow City Pedagogical University, Moscow, Russia
6024-APITECH-2041	Processing and analysis of images to clarify the biological structure of the brain from the position of forming a neural network model	A V Medievsky, A G Zotin, K V Simonov and A S Kruglyakov	Krasnoyarsk State Medical University named after Prof. V.F. Voino-Yasenetsky; Reshetnev Siberian State University of Science and Technology; Institute of Computational Modeling of the SB RAS, Krasnoyarsk, Russia
6025-APITECH-4043	Development of a method for determining the main and additional factors affecting the	I U Rakhmonov, A M Najimova, Sh M Esemuratova, T T Koptileuov	Uzbekistan

forecast of electricity
consumption

6026-APITECH-4020	The use of environmentally friendly extruded cereals in technology of growth medium for microorganism cultivation	I V Vladimtseva, A V, Sukhopleschenko, A A Tikhonova, M I Slozhenkina, A A Mosolov, O A Knyzhechenko, A S Miroshnik, L A Minchenko	Volgograd State Technical University, Volga Region Research Institute of Manufacture and Processing of Meat-And-Milk Production, Volgograd State Agricultural University
6027-APITECH-2088	Effective online communication based on information-technological platforms for smart machine-building factory enterprises	Darya Fokina, Mangusheva Lyaylya	Plekhanov Russian University of Economics
6028-APITECH-2003	Improving the operations of an IT company's service centre using VK bot development	A I Makhmutova and G S Gabidinova	Kazan Federal University, Naberezhnye Chelny, Russia
6029-APITECH-2054	Development of a Modified Differential Evolution for the Problem of Finding the Pupil Region of Interest in Real Time Assessment of environmental	Y V Grushko	Kamchatka State University named after Vitus Bering, Pogradichnaja St., 4, 683032, Petropavlovsk-Kamchatsky, Russia
6030-APITECH-4014	risk to population health, related to the drinking water condition use in Voronezh region	A S Boeva, T I Prozhorina and S A Kurolap	Voronezh State University, Voronezh, Russia
6031-APITECH-4016	Ecological diagnostics of urban areas based on the materials of remote sensing of the Earth	S A Yeprintsev, S A Kurolap, O V Klepikov and S V Shekoyan	Voronezh State University, Voronezh, Russia; Voronezh state University of engineering technologies, Voronezh, Russia

6032-APITECH-1033	Living systems' chaos: the problem of reduction in physics and biology Analysis of the content of	V V Eskov, E A Manina, M A Filatov and T V Gavrilenko	Surgut state University, Surgut, Russia
6033-APITECH-4052	nitrogen-containing compounds in waste and surface waters in the urbanized territories of the Kaluga region	A K Gorbunov, A Yu Loginova, N A Silaeva, S A Kusacheva and M E Safronova	Bauman Moscow State Technical University, Kaluga, Russia
6034-APITECH-2036	Implementation of a web-system for processing consumers' appeals	G A Shpakovsky, I D Ksendzovsky, E R Kalyuzhny, V M Krasnousov and N V Zarikovskaya	AlderaSoft LLC, Tomsk State University of Control Systems and Radioelectronics, Tomsk, Russia
6035-APITECH-2046	Automated formation of the organizational structure of the enterprise for order fulfillment	P N Charikov	Branch of the FSBEI of Higher Education "Ufa State Petroleum Technological University", Sterlitamak, Russian Federation
ASEDU-II-1039	"Yenisei Plus" Map Web Portal as a Tool for the Geoinformation Educational Process	Nadezhda Ligaeva, Olga Kuznetsova , Galina Sorokina, Michael Subbotin, Lyubov Dorofeeva	Siberian Federal University, Krasnoyarsk, Russian Federation Krasnoyarsk State Pedagogical University named after V. P. Astafyev, Krasnoyarsk, Russian Federation